BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

Name of Work: Package No.02 (Package consists of 14 works).

Name of the Agency: Benaka Developers & Project Pvt. Ltd.

MODIFIED ESTIMATE

TEJUS CONSULTANTS

CONSULTING ENGINEERS AND DESIGNERS

No.58 MIG, 6th Cross, 3rd Main

1st Stage, Basaveshwaranagar

Bangalore-560079

☎ 080 - 23287532

email: tejusconsultants@gmail.com

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Package No.02 (Package consists of 14 works).

Name Of work : - Package No.02 (Package consists of 14 works). Improvements to roads and drains OF Mandi MARIYAPPA Road via Mariyannapalya to Dasarahalli Main Road in Ward No.7,Byatarayanapura

Job Code :- 007-18-000109, 007-18-000110, 007-18-000111, 007-18-000112,007-18-000113,007-18-000114, 007-18-000115, 007-18-000116, 007-18-000117, 007-18-000118, 007-18-000119,007-18-000120,007-18-000121, 007-18-000122, 28873

Name of Agency :- M/S.Benaka Developers & Project Pvt.Ltd.

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
1	KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)												
	Big Market Sahakarnagar 60ft												
	Sahakar Nagar 60ft Road (Big Market Road)												
	RHS												
	0.00	811.00		1	811.00			0.60	0.60	291.96			
	LHS												
	0.00	816.00		1	816.00			0.60	0.60	293.76			
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN												
	RHS												
	0.00	203.00		1	203.00			0.60	0.45	54.81			
	LHS												
	0.00	203.00		1	203.00			0.60	0.45	54.81			
	SAHAKARNAGAR 3RD MAIN G Block												
	RHS												
	0.00	135.00		1	135.00			0.60	0.45	36.45			
	LHS												
	0.00	135.00		1	135.00			0.60	0.45	36.45			
	Big Market Sahakarnagar 60ft												
	Sahakaranagar												
	15th Main Road												
	0.00	77.50		1	77.50			0.60	0.50	23.25			
	15th Cross Road												
	0.00	217.50		1	217.50			0.60	0.50	65.25			
	16th Cross Road												
	0.00	193.20		1	193.20			0.60	0.50	57.96			
	16th main Road												
	0.00	214.50		1	214.50			0.60	0.50	64.35			
	17th Main Road												
	0.00	198.00		1	198.00			0.60	0.50	59.40			
	18th Main Road												
	0.00	151.10		1	151.10			0.60	0.50	45.33			
	18th Cross Road												
	0.00	137.60		1	137.60			0.60	0.50	41.28			
	19th main Road												
	0.00	148.00		1	148.00			0.60	0.50	44.40			
	19th Cross Road												
	0.00	110.00		1	110.00			0.60	0.50	33.00			
	19th A Cross Road												
	0.00	94.70		1	94.70			0.60	0.50	28.41			
	20th main Road												
	0.00	78.50		1	78.50			0.60	0.50	23.55			
	Happy Childhood Road												
	0.00	86.00		1	86.00			0.60	0.50	25.80			
	21st Main Road												

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Culvert												
				1	3.80			2.00	0.69	5.24			
	Culvert												
				1	5.00			2.00	0.69	6.90			
	Culvert												
				1	3.80			2.00	0.69	5.24			
	Amruth Nagar Sector A												
	Desilt												
	Amruthanagara A sector												
	1st Main Road												
	LHS												
	0.00	452.70		1	452.70			0.60	0.60	162.97			
	RHS												
	0.00	452.70		1	452.70			0.60	0.60	162.97			
	2nd Main Road in 1st Cross Raod												
	0.00	100.60		1	100.60			0.60	0.55	33.20			
	1st Cross Raod Block B Appartment												
	0.00	19.30		1.00	19.30			0.60	0.55	6.37			
	Sri Sai Sannidi Appartment Road Amruthnagar												
	Road B/W 1st cr & 2nd Cross rd												
	0.00	42.00		1	42.00			0.60	0.55	13.86			
	Road B/W 2nd Cross & 3rd Cross rd												
	0.00	31.00		1	31.00			0.60	0.55	10.23			
	Road B/W 3rd Cross & 4th Cross rd												
	0.00	30.80		1	30.80			0.60	0.55	10.16			
	Road B/W 4th Cross & 5th Cross												
	0.00	27.00		1.00	27.00			0.60	0.55	8.91			
	2nd Cross Road												
	0.00	157.60		1	157.60			0.60	0.55	52.01			
	3rd Cross Road												
	0.00	114.60		1	114.60			0.60	0.55	37.82			
	4th Cross Road												
	0.00	173.30		1	173.30			0.60	0.55	57.19			
	5th Cross Road												
	0.00	130.00		1	130.00			0.60	0.55	42.90			
	2nd B Cross Road												
	LHS												
	0.00	87.60		1	87.60			0.60	0.55	28.91			
	RHS												
	0.00	87.60		1	87.60			0.60	0.55	28.91			
	1st Main Road Beside BBMP Park												
	LHS												
	0.00	90.00		1	90.00			0.60	0.60	32.40			
	RHS												
	0.00	90.00		1	90.00			0.60	0.60	32.40			
	2nd Main Road												
	0.00	90.00		1	90.00			0.60	0.60	32.40			
	8th Cross Road												
	LHS												
	0.00	86.00		1	86.00			0.60	0.60	30.96			
	RHS												
	0.00	86.00		1	86.00			0.60	0.60	30.96			
	8th A Cross Road												
	LHS												
	0.00	38.20		1	38.20			0.60	0.60	13.75			
	New Drain												
	Appartment Beside Road (RHS)												
	0.00	85.00		1	85.00			0.70	0.15	8.93			
	Appartment Beside Road (LHS)												
	RHS												
	0.00	225.70		1	202.60			0.75	0.57	86.89			
	LHS												
	104.60	219.70		1	104.60			0.75	0.60	47.07			
	Maruthi Farm 5th cross Rd												
	RHS												
	0.00	50.60		1	50.60			0.75	0.60	22.77			
	LHS												
	0.00	87.10		1	87.10			0.70	0.60	36.58			
	2nd cross Rd												
	RHS												

Modified Estimate

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	0.00	42.00		1	42.00			0.75	0.60	18.90			
	Culverts												
	Appartment Beside Road (LHS)												
	199.50	204.40	R/S	1	4.90			2.00	0.45	4.41			
	169.30	174.90	L/S	1	5.60			2.00	0.69	7.73			
	219.70	225.70	L/S	1	6.00			2.00	0.45	5.40			
	Across the Road												
	225.70	227.50		1	6.60			2.00	0.69	9.11			
	Amruth Nagar Sector A												
	Desilt												
	3rd Main Road												
	Amruthahalli Police Station Back Side												
	LHS												
	0.00	390.00		1	390.00			0.50	0.50	97.50			
	RHS												
	0.00	413.00		1	413.00			0.50	0.50	103.25			
	Over Burdan Earth			1	30.00			1.00	0.75	22.50			
				1	20.00			1.50	1.00	30.00			
				1	15.00			1.00	0.85	12.75			
				1	8.00			0.80	1.20	7.69			
	Pampa Extension Road												
	Desilt												
	Pampa Extension												
	1st Cross Road												
	0.00	39.90		1	39.90			0.60	0.55	13.17			
	2nd Cross Road												
	0.00	29.80		1	29.80			0.60	0.55	9.83			
	3rd Cross Road												
	0.00	24.10		1	24.10			0.60	0.55	7.95			
	4th Cross Road												
	0.00	66.00		1	66.00			0.60	0.55	21.78			
	9th Cross Road												
	0.00	92.70		1	92.70			0.60	0.55	30.59			
	11th Cross Road												
	0.00	69.50		1	69.50			0.60	0.55	22.94			
	12th Cross Road												
	0.00	126.10		1	126.10			0.60	0.55	41.61			
	2nd Main Road												
	0.00	68.60		1	68.60			0.60	0.55	22.64			
	3rd Main Road												
	0.00	138.80		1	138.80			0.60	0.55	45.80			
	4th Main Road												
	0.00	236.70		1	236.70			0.60	0.55	78.11			
	5th Main Road												
	0.00	241.10		1	241.10			0.60	0.55	79.56			
	Pampa Extension Road												
	Vinayaka Layout												
	1st Main Road												
	LHS												
	0.00	163.50		1	163.50			0.60	0.50	49.05			
	RHS												
	0.00	163.50		1	163.50			0.60	0.50	49.05			
	1st B Cross Road												
	LHS												
	0.00	64.40		1	64.40			0.60	0.50	19.32			
	RHS												
	0.00	64.40		1	64.40			0.60	0.50	19.32			
	2nd B Cross Road												
	LHS												
	0.00	81.00		1	81.00			0.60	0.50	24.30			
	RHS												
	0.00	81.00		1	81.00			0.60	0.50	24.30			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	3rd Cross Road												
	LHS												
	0.00	76.60		1	76.60			0.60	0.50	22.98			
	RHS												
	0.00	76.60		1	76.60			0.60	0.50	22.98			
	4th A Cross Road												
	LHS												
	0.00	73.00		1	73.00			0.60	0.50	21.90			
	RHS												
	0.00	73.00		1	73.00			0.60	0.50	21.90			
	5th Cross Road												
	LHS												
	0.00	47.50		1	47.50			0.60	0.50	14.25			
	RHS												
	0.00	47.50		1	47.50			0.60	0.50	14.25			
	6th Cross Road												
	LHS												
	0.00	49.30		1	49.30			0.60	0.50	14.79			
	RHS												
	0.00	49.30		1	49.30			0.60	0.50	14.79			
	Kempapura												
	1st Cross Road												
	LHS												
	0.00	39.00		1	39.00			0.60	0.50	11.70			
	RHS												
	0.00	39.00		1	39.00			0.60	0.50	11.70			
	2nd Cross Road												
	LHS												
	0.00	38.70		1	38.70			0.60	0.50	11.61			
	RHS												
	0.00	38.70		1	38.70			0.60	0.50	11.61			
	3rd Cross Road												
	LHS												
	0.00	37.80		1	37.80			0.60	0.50	11.34			
	RHS												
	0.00	37.80		1	37.80			0.60	0.50	11.34			
	4th Cross Road												
	LHS												
	0.00	35.90		1	35.90			0.60	0.50	10.77			
	RHS												
	0.00	35.90		1	35.90			0.60	0.50	10.77			
	kallappa Layout												
	Desilt												
	1st Cross Road												
	LHS												
	0.00	44.30		1	44.30			0.50	0.40	8.86			
	RHS												
	0.00	43.90		1	43.90			0.50	0.40	8.78			
	1st A Cross Road												
	LHS												
	0.00	64.00		1	64.00			0.50	0.40	12.80			
	2nd Cross Road												
	LHS												
	0.00	43.60		1	43.60			0.50	0.40	8.72			
	RHS												

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	0.00	43.60		1	43.60			0.50	0.40	8.72			
	2nd A Cross Road												
	LHS												
	0.00	76.50		1	76.50			0.50	0.40	15.30			
	RHS												
	0.00	76.50		1	76.50			0.50	0.40	15.30			
	Coffee Board Layout												
	Desilt												
	5th Cross Road												
	0.00	199.30		2	199.30			0.60	0.55	131.54			
	6th Cross Road												
	0.00	39.80		2	39.80			0.60	0.55	26.27			
	7th Cross Road												
	0.00	50.00		2	50.00			0.60	0.55	33.00			
	8th Cross Road												
	0.00	165.00		2	165.00			0.60	0.55	108.90			
	Kuvempu road(raghvendra circle to coffee board layout main road)												
	0.00	670.20		2	670.20			0.60	0.60	482.54			
	Hoysala Layout												
	5th Cross Road												
	LHS												
	0.00	48.00		1	48.00			0.60	0.60	17.28			
	RHS												
	3.00	48.00		1	35.00			0.60	0.60	12.60			
	Bhuvaneshwari nagar												
	St Anthony Church Road												
	RHS												
	0.00	140.00		1	140.00			0.90	1.03	130.05			
	Sanjeevini nagar												
	Desilt												
	Holy Trinity Church Road												
				1	15.00			0.50	0.50	3.75			
				1	15.00			0.50	0.50	3.75			
				1	5.00			0.50	0.50	1.25			
				1	10.00			0.50	0.50	2.50			
	New Culvert			1	9.60			1.80	0.90	15.55			
	Jakkur Double Rd												
	Desilt												
	Jakkur Layout												
	6th A Cross Road												
	LHS												
	0.00	34.20		1	34.20			0.50	0.50	8.55			
	RHS												
	0.00	34.20		1	34.20			0.50	0.50	8.55			
	13th A Cross Road												
	LHS												
	0.00	78.00		1	73.80			0.50	0.50	18.45			
	RHS												
	0.00	74.00		1	68.60			0.50	0.50	17.15			
	14th A Cross Road												
	LHS												
	0.00	68.00		1	59.00			0.50	0.50	14.75			
	RHS												
	0.00	68.00		1	68.00			0.50	0.50	17.00			
	15th A Cross Road												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	LHS												
	0.00	212.00		1	175.00			0.50	0.50	43.75			
	RHS												
	0.00	212.00		1	206.00			0.50	0.50	51.50			
	Talakaveri Badavane 8th Cross Road												
	LHS												
	0.00	144.70		1	116.70			0.50	0.50	29.18			
	RHS												
	0.00	140.00		1	140.00			0.50	0.50	35.00			
	16th A Cross Road												
	LHS												
	0.00	125.10		1	125.10			0.50	0.50	31.28			
	RHS												
	0.00	125.00		1	125.00			0.50	0.50	31.25			
	17th A Cross Road												
	LHS												
	0.00	27.50		1	27.50			0.50	0.50	6.88			
	RHS												
	0.00	27.50		1	27.50			0.50	0.50	6.88			
	18th A Cross Road												
	LHS												
	0.00	46.00		1	46.00			0.50	0.50	11.50			
	RHS												
	0.00	46.00		1	16.00			0.50	0.50	4.00			
	Approach Road												
	LHS												
	0.00	100.50		1	100.50			0.50	0.50	25.13			
	RHS												
	0.00	15.00	R/S	1	15.00			0.50	0.50	3.75			
	15.00	30.00	R/S	1	15.00			0.50	0.50	3.75			
	30.00	45.00	R/S	1	15.00			0.50	0.50	3.75			
	45.00	60.00	R/S	1	15.00			0.50	0.50	3.75			
	60.00	75.00	R/S	0	15.00			0.50	0.50	0.00	No work		
	75.00	90.00	R/S	1	15.00			0.50	0.50	3.75			
	90.00	100.50	R/S	1	10.50			0.50	0.50	2.63			
	19th Cross Road												
	LHS												
	0.00	135.00		1	111.00			0.50	0.50	27.75			
	RHS												
	0.00	137.00		1	113.00			0.50	0.50	28.25			
	19th A Cross Road												
	LHS												
	0.00	75.00		1	75.00			0.50	0.50	18.75			
	RHS												
	0.00	84.00		1	84.00			0.50	0.50	21.00			
	kuvempu Rd												
	Desilt												
	Kuvempu Road Coffe Board Layout (Road)												
	LHS												
	0.00	256.00		1	256.00			0.50	0.50	64.00			
	RHS												
	0.00	256.00		1	256.00			0.50	0.50	64.00			
	Gopalappa to Cof Board												
	Desilt												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	LHS												
	0.00	440.00		1	350.00			0.50	0.50	87.50			
	RHS												
	0.00	570.00		1	432.00			0.50	0.50	108.00			
	Mandi mariyappa rd												
	Desilt												
	Mandi Mariyappa Reddy Road												
	LHS												
	0.00	746.00		1	471.00			0.50	0.50	117.75			

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	RHS												
	0.00	746.00		1	706.00			0.50	0.50	176.50			
	Desilt												
	GS Shivarudrappa Circle to Prestige Misty Waters Apartment												
	LHS												
	0.00	415.00	L/S	1	290.00			0.60	0.90	156.60			
	RHS												
	0.00	2.30	R/S	1	395.00			0.60	0.90	213.30			
								Total Quantity		6651.86	Cum	217.12	1444251.84
2	KSRRB M200-15.2. Dismantling of existing structures like culverts, Bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceble material and stacking the serviceble material with all lifts complete as per specifications. iii) Dismantling Stone Masonry B. Rubble Stone maonry in cement mortar (P.No.137, I.No.18.27 of PW,P&IWTD SR 2016-17)												
	Item of Work Not Operated												
								Total Quantity		0.00	Cum	406.89	0.00
3	KSRRB M200-14.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. ii) Dismantling brick/Tile work B. In cement mortar. MORTH Specification No. 202 (P.No.137, I.No.18.23 of PW,P&IWTD SR 2016-17)												
	Item of Work Not Operated												
								Total Quantity		0.00	Cum	401.67	0.00
4	KSRRB M200-12.2. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. i) Lime /Cement Concrete. I. By Manual Means :B. Cement Concrete Grade M-15 & M-20. MORTH Specification No. 202. (P.No.137, I.No.18.18 of PW,P&IWTD SR 2016-17)												
	Item of Work Not Operated												
								Total Quantity		0.00	Cum	549.11	0.00
5	Removing and Resetting of Footpath Slab with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work												
	Big Market Sahakarnagar 60ft												
	Sahakar Nagar 60ft Road (Big Market Road)												
	RHS												
	0.00	811.00		1	706.50			1.20		847.80			
	LHS												
	0.00	816.00		1	656.60			1.20		787.92			
	Big Market Sahakarnagar 60ft												
	15th Cross Road												
	LHS												
	34.00	133.00		1	94.00			1.20		112.80			
	RHS												
	44.00	152.00		1	42.00			1.20		50.40			
	16th Cross Road												
	LHS												
	0.00	170.00		1	100.00			1.20		120.00			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	0.00	43.60		1	43.60			0.60	0.50	13.08			
	20th Main Road												
	0.00	85.50		1	85.50			0.60	0.50	25.65			
	Cubic Apartment												
	apprtment side												
	0.00	65.15	L/S	1	65.15			0.80	0.70	36.48			
	1st Main Road												
	LHS												
	0.00	177.00	L/S	1	177.00			0.80	0.70	99.12			
	RHS												
	0.00	177.00	R/S	1	169.00			0.80	0.70	94.64			
	Connecting Road From 1st Mn to 2nd Main Road												
	LHS												
	0.00	26.40	L/S	1	26.40			0.80	0.70	14.78			
	RHS												
	0.00	26.40	R/S	1	26.40			0.80	0.70	14.78			
	2nd Main Road												
	LHS												
	0.00	202.00	L/S	1	181.10			0.80	0.70	101.42			
	RHS												
	0.00	167.90		1	167.90			0.80	0.70	94.02			
	1st Cross Road												
	LHS												
	0.00	46.30		1	46.30			0.70	0.60	19.45			
	2nd Cross Road												
	LHS												
	0.00	44.90		1	44.90			0.70	0.60	18.86			
	RHS												
	0.00	44.90		1	44.90			0.70	0.60	18.86			
	3rd Cross Road												
	LHS												
	0.00	44.60		1	44.60			0.70	0.60	18.73			
	RHS												
	0.00	44.60		1	44.60			0.70	0.60	18.73			
	4th Cross Road												
	RHS												
	0.00	44.00		1	44.00			0.70	0.60	18.48			
	Culvert												
	1st Main Road												
	RHS												
	74.00	82.00	R/S	1	8.00			1.80	0.80	11.52			
	Cubic Apartment												
	Culverts												
	2nd Main Road Across The Road												
	103.70	105.50		1.00	10.00			1.80	0.80	14.40			
	2nd Main Road												
	LHS												
	19.00	154.00		1	20.90			1.50	0.60	18.81			
	Amruth Nagar Sector A												
	Amruth Nagar Sector A												
	Culverts												
	Culvert												
				1	7.50			2.00	0.92	13.80			
	Culvert												
				1	6.20			2.00	0.92	11.41			
	Culvert												
				1	5.00			2.00	0.69	6.90			
	Culvert												
				1	6.20			2.00	0.69	8.56			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	74.00	77.00	R/S	1	3.00			1.20		3.60			
	jakkur Double road												
	Desilt												
	Jakkur Layout												
	13th A Cross Road												
	LHS												
	0.00	78.00		1	67.80			0.60		40.68			
	14th A Cross Road												
	LHS												
	0.00	8.00	L/S	1	8.00			1.20		9.60			
	58.00	68.00	L/S	1	10.00			0.60		6.01			
	RHS												
	0.00	68.00		1	27.00			0.78		21.00			
	15th A Cross Road												
	RHS												
	49.00	59.50	R/S	1	10.50			0.90		9.45			
	16th A Cross Road												
	LHS												
	66.00	74.00	L/S	1	8.00			0.75		6.00			
	RHS												
	20.00	109.00		1	46.00			0.75		34.50			
	19th Cross Road												
	LHS												
	73.00	135.00		1	62.00			0.90		55.80			
	RHS												
	107.00	137.00		1	30.00			1.25		37.50			
	19th A Cross Road												
	LHS												
	66.00	75.00	L/S	1	9.00			1.00		9.00			
	RHS												
	66.00	84.00	R/S	1	18.00			1.00		18.00			
	Kuvempu Road												
	B.S Cover Slab												
	Kuvempu Road Coffe Board Layout (Road)												
	RHS												
	32.00	258.00		1	43.00			1.30		56.10			
	GS Shivarudrappa Circle to Prestige Misty Waters Apartment												
	LHS												
	0.00	415.00	L/S	1	208.70			0.90		187.83			
	RHS												
	0.00	266.10	R/S	1	266.10			0.90		239.49			
									Total Quantity	4099.48			
									BOQ	3570.00			
									Upto 125%	4099.48	Sqm	141.78	581223.89
6	Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17)												
	Pampa Extension Road												
	Pampa												
	1st Cross Road												
	0.00	39.90		1	31.90			1.80		57.42			
	2nd Cross Road												
	0.00	29.80		1.00	26.80			1.80		48.24			
	3rd Cross Road												
	0.00	24.10		1.00	19.10			1.80		34.38			
	4th Cross Road												
	0.00	66.00		1	59.00			1.80		106.20			
	9th Cross Road												
	0.00	92.70		1	83.70			1.80		150.66			
	11th Cross Road												
	0.00	69.50		1	53.50			1.80		96.30			
	12th Cross Road												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	0.00	126.10		1	106.10			1.80		190.98			
	2nd Main Road												
	0.00	68.60		1	58.60			1.80		105.48			
	3rd Main Road												
	0.00	138.80		1	126.30			1.80		227.34			
	4th Main Road												
	0.00	236.70		1	211.70			1.80		381.06			
	5th Main Road												
	0.00	241.10		1	216.10			1.80		388.98			
										893.52			
	Pampa Extension Road												
	Vinayaka Layout												
	1st Main Road												
	LHS												
	15.00	142.00		1	65.00				1.80	117.00			
	RHS												
	5.00	163.50		1	76.50				1.80	137.70			
	1st B Cross Road												
	LHS												
	50.00	64.40	L/S	1	14.40				1.80	25.92			
	RHS												
	15.00	30.00	R/S	1	15.00				1.80	27.00			
	2nd B Cross Road												
	LHS												
	5.00	15.00	L/S	1	10.00				1.80	18.00			
	51.00	66.00	L/S	1	15.00				1.80	27.00			
	RHS												
	31.00	46.00	R/S	1	15.00				1.80	27.00			
	76.00	81.00	R/S	1	5.00				1.80	9.00			
	3rd Cross Road												
	LHS												
	0.00	5.00	L/S	1	5.00				1.80	9.00			
	5.00	15.00	L/S	1	10.00				1.80	18.00			
	RHS												
	0.00	5.00	R/S	1	5.00				1.80	9.00			
	50.00	65.00	R/S	1	15.00				1.80	27.00			
	4th A Cross Road												
	LHS												
	0.00	5.00	L/S	1	5.00				1.80	9.00			
	RHS												
	26.50	52.00		1	25.50				1.80	45.90			
	5th Cross Road												
	LHS												
	0.00	10.00	L/S	1	10.00				1.80	18.00			
	38.00	47.50	L/S	1	9.50				1.80	17.10			
	RHS												
	0.00	47.50		1	47.50				1.80	85.50			
	6th Cross Road												
	LHS												
	0.00	49.30		1	34.30				1.80	61.74			
	RHS												
	0.00	49.30		1	24.30				1.80	43.74			
	Kempapura												
	1st Cross Road												
	LHS												
	5.00	10.00	L/S	1	5.00				1.80	9.00			
	30.00	39.00	L/S	1	9.00				1.80	16.20			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	RHS								1.80	36.00			
	0.00	20.00		1	20.00								
	2nd Cross Road												
	LHS								1.80	18.00			
	0.00	10.00		1	10.00								
	3rd Cross Road												
	LHS								1.80	18.00			
	0.00	10.00		1	10.00								
	RHS								1.80	32.04			
	10.00	37.80		1	17.80								
	4th Cross Road												
	LHS								1.80	25.20			
	0.00	14.00		1	14.00								
	RHS								1.80	9.00			
	0.00	5.00	R/S	1	5.00				1.80	10.62			
	30.00	35.90	R/S	1	5.90					**906.66**			
	Amruth nagar A Sector												
	1st Main Road												
	LHS												
	0.00	452.70		1	433.70			1.80		780.66			
	RHS												
	0.00	452.70		1	432.70			1.80		778.86			
	2nd Main Road in 1st Cross Raod												
	0.00	100.60		1	91.60			1.80		164.88			
	1st Cross Raod Block B Appartment												
	0.00	19.30		1.00	19.30			1.80		34.74			
	Sri Sai Sannidi Appartment Road Amruthnagar												
	Road B/W 1st cr & 2nd Cross rd												
	0.00	42.00		1	38.00			1.80		68.40			
	Road B/W 2nd Cross & 3rd Cross rd												
	0.00	31.00		1.00	28.00			1.80		50.40			
	Road B/W 3rd Cross & 4th Cross rd												
	0.00	30.80		1.00	28.80			1.80		51.84			
	Road B/W 4th Cross & 5th Cross												
	0.00	27.00		1.00	25.00			1.80		45.00			
	2nd Cross Road												
	0.00	157.60		1	149.60			1.80		269.28			
	3rd Cross Road												
	0.00	114.60		1	105.60			1.80		190.08			
	4th Cross Road												
	0.00	173.30		1	162.30			1.80		292.14			
	5th Cross Road												
	0.00	130.00		1	120.00			1.80		216.00			
	2nd B Cross Road												
	LHS												
	0.00	87.60		1	82.60			1.80		148.68			
	RHS												
	0.00	87.60		1	81.60			1.80		146.88			
	1st Main Road Beside BBMP Park												
	LHS												
	0.00	90.00		1	83.00			1.80		149.40			
	RHS												
	0.00	90.00		1	83.00			1.80		149.40			
	2nd Main Road												
	0.00	90.00		1	85.00			1.80		153.00			
	8th Cross Road												
	LHS												
	0.00	86.00		1	81.00			1.80		145.80			
	RHS												
	0.00	86.00		1	81.00			1.80		145.80			
	8th A Cross Road												
	LHS												
	0.00	38.20		1	32.20			1.80		57.96			
										1211.76			
	Amruth nagar A Sector												

Modified Estimate

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	RHS												
	45.00	165.00		1	83.00			1.20		99.60			
	16th main Road												
	LHS												
	10.00	189.00		1	113.00			1.20		135.60			
	RHS												
	0.00	174.00		1	122.00			1.20		146.40			
	17th Main Road												
	LHS												
	39.00	169.00		1	120.00			1.20		144.00			
	RHS												
	26.00	183.00		1	133.00			1.20		159.60			
	18th Main Road												
	LHS												
	0.00	42.00		1	42.00			1.20		50.40			
	RHS												
	0.00	82.00		1	43.00			1.20		51.60			
	18th Cross Road												
	LHS												
	0.00	135.00		1	61.00			1.20		73.20			
	RHS												
	0.00	135.00		1	89.00			1.20		106.80			
	19th main Road												
	LHS												
	0.00	131.00		1	60.00			1.20		72.00			
	RHS												
	9.00	133.00		1	58.00			1.20		69.60			
	19th Cross Road												
	LHS												
	0.00	96.00		1	96.00			1.20		115.20			
	RHS												
	6.00	91.00		1	50.00			1.20		60.00			
	19th A Cross Road												
	LHS												
	11.00	93.00		1	82.00			1.20		98.40			
	RHS												
	0.00	11.00	L/S	1	11.00			1.20		13.20			
	20th main Road												
	LHS												
	15.00	30.00	L/S	1	15.00			1.20		18.00			
	RHS												
	74.00	77.00	R/S	1	3.00			1.20		3.60			
	21st Main Road												
	LHS												
	10.00	19.00	L/S	1	9.00			1.20		10.80			
	20th Main Road												
	LHS												
	15.00	30.00	L/S	1	15.00			1.20		18.00			
	RHS												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	LHS												
	27.50	43.20	L/S	1	8.00			1.80		14.40			
	49.20	78.00	L/S	1	5.00			1.80		9.00			
	RHS												
	0.00	29.00	R/S	1	4.00			1.80		7.20			
	14th A Cross Road												
	LHS												
	0.00	8.00	L/S	1	5.00			1.80		9.00			
	47.00	58.00	L/S	1	5.00			1.80		9.00			
	RHS												
	8.00	17.00	R/S	1	5.00			1.80		9.00			
	58.00	68.00	R/S	1	6.00			1.80		10.80			
	15th A Cross Road												
	LHS												
	36.00	173.00		1	19.00			1.80		34.20			
	RHS												
	123.00	132.00	R/S	1	7.00			1.80		12.60			
	187.50	206.00	R/S	1	4.00			1.80		7.20			
	Talakaveri Badavane 8th Cross Road												
	LHS												
	36.00	62.00	L/S	1	5.00			1.80		9.00			
	90.00	105.00	L/S	1	6.00			1.80		10.80			
	RHS												
	45.00	60.00	R/S	1	6.00			1.80		10.80			
	105.00	122.00	R/S	1	3.00			1.80		5.40			
	16th A Cross Road												
	LHS												
	30.00	37.00	L/S	1	7.00			1.80		12.60			
	109.00	120.00	L/S	1	5.00			1.80		9.00			
	RHS												
	15.00	109.00		1	8.00			1.80		14.40			
	17th A Cross Road												
	LHS												
	15.00	27.50	L/S	1	5.00			1.80		9.00			
	RHS												
	0.00	15.00	R/S	1	4.00			1.80		7.20			
	18th A Cross Road												
	LHS												
	30.00	46.00	L/S	1	6.00			1.80		10.80			
	RHS												
	30.00	46.00	R/S	1	4.00			1.80		7.20			
	Approach Road												
	LHS												
	15.00	30.00	L/S	1	4.00			1.80		7.20			
	75.00	90.00	L/S	1	5.00			1.80		9.00			
	RHS												
	30.00	100.50		1	15.00			1.80		27.00			
	19th Cross Road												
	LHS												
	24.00	135.00		1	20.00			1.80		36.00			
	RHS												
	24.00	120.00		1	19.00			1.80		34.20			
	19th A Cross Road												
	LHS												
	15.00	25.00	L/S	1	5.00			1.80		9.00			
	66.00	75.00	L/S	1	2.00			1.80		3.60			
	RHS												
	30.00	45.00	R/S	1	6.00			1.80		10.80			
	60.00	66.00	R/S	1	4.00			1.80		7.20			
	B.S Cover Slab												
	Jakkur Layout												
	6th A Cross Road												
	RHS												
	0.00	23.50		1	15.00			0.90		13.50			
	13th A Cross Road												
	LHS												
	43.20	49.20	L/S	1	6.00			0.90		5.40			
	RHS												
	0.00	74.00		1	68.60			0.90		61.74			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	14th A Cross Road												
	LHS												
	17.00	58.00		1	41.00			0.90		36.90			
	RHS												
	17.00	58.00		1	41.00			0.90		36.90			
	15th A Cross Road												
	LHS												
	36.00	177.00		1	95.50			0.90		85.95			
	RHS												
	11.80	206.00		1	78.50			0.90		70.65			
	Talakaveri Badavane 8th Cross Road												
	LHS												
	36.00	144.70		1	50.70			0.90		45.63			
	RHS												
	15.00	140.00		1	111.00			0.90		99.90			
	16th A Cross Road												
	LHS												
	0.00	125.10		1	117.10			0.90		105.39			
	RHS												
	0.00	125.10		1	71.00			0.90		63.90			
	17th A Cross Road												
	LHS												
	0.00	27.50		1	27.50			0.90		24.75			
	18th A Cross Road												
	30.00	46.00	R/S	1	16.00			0.90		14.40			
	Approach Road												
	LHS												
	30.00	100.50		1	70.50			0.90		63.45			
	RHS												
	0.00	100.50		1	85.50			0.90		76.95			
	19th Cross Road												
	RHS												
	24.00	107.00		1	67.00			0.90		60.30			
	19th A Cross Road												
	LHS												
	0.00	48.00		1	48.00			0.90		43.20			
	RHS												
	0.00	66.00		1	66.00			0.90		59.40			
	Kuvempu Rd												
	B.S Cover Slab												
	Kuvempu Road Coffe Board Layout (Road)												
	LHS												
	0.00	215.00		1	208.00			0.93		192.42			
	RHS												
	0.00	258.00		1	209.00			0.93		193.50			
	Gopalappa to Cof Board												
	B.S Drain												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	LHS												
	280.00	400.00		1	12.00			1.80		21.60			
	RHS												
	135.00	420.00		1	31.00			1.80		55.80			
	B.S Cover Slab												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	LHS												
	90.00	570.00		1	81.00			0.90		72.90			
	RHS												
	150.00	570.00		1	85.00			0.90		76.50			
	Mandi mariyappa rd												
	B.S Drain												
	Mandi Mariyappa Reddy Road												
	LHS												
	180.00	705.00		1	32.00			1.80		57.60			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	RHS												
	90.00	630.00		1	39.00			1.80		70.20			
	B.S Cover Slab												
	Mandi Mariyappa Reddy Road												
	LHS												
	180.00	761.00		1	132.00			0.90		118.80			
	RHS												
	30.00	750.00		1	75.00			0.90		67.50			
	GS Shivarudrappa Circle to Prestige Misty Waters Apartment												
			L/S	1	6.70			0.90		6.03			
			R/S	1	40.60			0.90		36.54			
								Total		7241.47	Sqm	86.20	6,24,316
7	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick (P.No.25, I.No.5.31.1 of PW, P&IWTD SR 2016-17)												
	Cubic Apartment												
	apprtment side												
	0.00	65.15		1	65.15				1.80	117.27			
	1st Main Road												
	LHS												
	0.00	177.00		1	177.00				1.80	318.60			
	RHS												
	0.00	177.00		1	169.00				1.80	304.20			
	Connecting Road From 1st Mn to 2nd Main Road												
	LHS												
	0.00	26.40	L/S	1	26.40				1.80	47.52			
	RHS												
	0.00	26.40	R/S	1	26.40				1.80	47.52			
	2nd Main Road												
	LHS												
	0.00	202.00		1	181.10				1.80	325.98			
	RHS												
	0.00	167.90		1	167.90				1.80	302.22			
	1st Cross Road												
	LHS												
	0.00	46.30		1	46.30				1.50	69.45			
	2nd Cross Road												
	LHS												
	0.00	44.90		1	44.90				1.50	67.35			
	RHS												
	0.00	44.90		1	44.90				1.50	67.35			
	3rd Cross Road												
	LHS												
	0.00	44.60		1	44.60				1.50	66.90			
	RHS												
	0.00	44.60		1	44.60				1.50	66.90			
	4th Cross Road												
	RHS												
	0.00	44.00		1	44.00				1.50	66.00			
	Pampa Extension Road												
	Pampa Extension												
	1st Cross Road												
	0.00	39.90		1	8.00			1.80		14.40			
	2nd Cross Road												
	0.00	29.80		1.00	3.00			1.80		5.40			
	3rd Cross Road												
	0.00	24.10		1.00	5.00			1.80		9.00			
	4th Cross Road												
	0.00	66.00		1	7.00			1.80		12.60			
	9th Cross Road												
	0.00	92.70		1	9.00			1.80		16.20			
	11th Cross Road												
	0.00	69.50		1	16.00			1.80		28.80			
	12th Cross Road												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	0.00	126.10		1	20.00			1.80		36.00			
	2nd Main Road												
	0.00	68.60		1	10.00			1.80		18.00			
	3rd Main Road												
	0.00	138.80		1	12.50			1.80		22.50			
	4th Main Road												
	0.00	236.70		1	25.00			1.80		45.00			
	5th Main Road												
	0.00	241.10		1	25.00			1.80		45.00			
	Pampa Extension Road												
	Vinayaka Layout												
	1st Main Road												
	LHS												
	75.00	82.50	L/S	1	7.50				1.80	13.50			
	142.00	145.00	L/S	1	3.00				1.80	5.40			
	RHS												
	75.00	82.50	R/S	1	7.50				1.80	13.50			
	1st B Cross Road												
	LHS												
	45.00	50.00	L/S	1	5.00				1.80	9.00			
	RHS												
	0.00	5.00	R/S	1	5.00				1.80	9.00			
	2nd B Cross Road												
	LHS												
	30.00	33.00	L/S	1	3.00				1.80	5.40			
	RHS												
	9.00	18.00	R/S	1	9.00				1.80	16.20			
	3rd Cross Road												
	LHS												
	42.00	50.00	L/S	1	8.00				1.80	14.40			
	RHS												
	42.00	50.00	R/S	1	8.00				1.80	14.40			
	4th A Cross Road												
	LHS												
	60.00	73.00	L/S	1	13.00				1.80	23.40			
	RHS												
	52.00	73.00	R/S	1	15.00				1.80	27.00			
	5th Cross Road												
	LHS												
	10.00	25.00	L/S	1	15.00				1.80	27.00			
	6th Cross Road												
	LHS												
	15.00	30.00	L/S	1	15.00				1.80	27.00			
	RHS												
	5.00	15.00	R/S	1	10.00				1.80	18.00			
	Kempapura												
	1st Cross Road												
	LHS												
	0.00	5.00	L/S	1	5.00				1.80	9.00			
	20.00	30.00	L/S	1	10.00				1.80	18.00			
	RHS												
	20.00	32.00	R/S	1	12.00				1.80	21.60			

Modified Estimate

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	2nd Cross Road												
	RHS												
	0.00	5.00	R/S	1	5.00				1.80	9.00			
	30.00	38.70	R/S	1	8.70				1.80	15.66			
	3rd Cross Road												
	LHS												
	30.00	37.80	L/S	1	7.80				1.80	14.04			
	RHS												
	5.00	10.00	R/S	1	5.00				1.80	9.00			
	4th Cross Road												
	LHS												
	15.00	30.00	L/S	1	15.00				1.80	27.00			
	Amruth nagar A sector												
	New Drain												
	Appartment Beside Road (RHS)												
	0.00	85.00		1	85.00			1.20		102.00			
	Appartment Beside Road (LHS)												
	RHS												
	0.00	225.70		1	202.60			1.76		357.24			
	LHS												
	104.60	219.70		1	104.60			1.80		188.28			
	Maruthi Farm 5th cross Rd												
	RHS												
	0.00	50.60		1	50.60			1.80		91.08			
	LHS												
	0.00	87.10		1	87.10			1.80		156.78			
	2nd cross Rd												
	RHS												
	0.00	42.00		1	42.00			1.80		75.60			
	Amruth nagar A Sector												
	1st Main Road												
	LHS												
	0.00	452.70		1	19.00			1.80		34.20			
	RHS												
	0.00	452.70		1	20.00			1.80		36.00			
	2nd Main Road in 1st Cross Raod												
	0.00	100.60		1	9.00			1.80		16.20			
	1st Cross Raod Block B Appartment												
	0.00	19.30		1.00	0.00			1.80		0.00			
	Sri Sai Sannidi Appartment Road Amruthnagar												
	Road B/W 1st cr & 2nd Cross rd												
	0.00	42.00		1	4.00			1.80		7.20			
	Road B/W 2nd Cross & 3rd Cross rd												
	0.00	31.00		1.00	3.00			1.80		5.40			
	Road B/W 3rd Cross & 4th Cross rd												
	0.00	30.80		1.00	2.00			1.80		3.60			
	Road B/W 4th Cross & 5th Cross												
	0.00	27.00		1.00	2.00			1.80		3.60			
	2nd Cross Road												
	0.00	157.60		1	8.00			1.80		14.40			
	3rd Cross Road												
	0.00	114.60		1	9.00			1.80		16.20			
	4th Cross Road												
	0.00	173.30		1	11.00			1.80		19.80			
	5th Cross Road												
	0.00	130.00		1	10.00			1.80		18.00			
	2nd B Cross Road												
	LHS												
	0.00	87.60		1	5.00			1.80		9.00			
	RHS												
	0.00	87.60		1	6.00			1.80		10.80			
	1st Main Road Beside BBMP Park												
	LHS												
	0.00	90.00		1	7.00			1.80		12.60			
	RHS												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	0.00	90.00		1	7.00			1.80		12.60			
	2nd Main Road												
	0.00	90.00		1	5.00			1.80		9.00			
	8th Cross Road												
	LHS												
	0.00	86.00		1	5.00			1.80		9.00			
	RHS												
	0.00	86.00		1	5.00			1.80		9.00			
	8th A Cross Road												
	LHS												
	0.00	38.20		1	6.00			1.80		10.80			
	Amruth nagar A sector												
	B.S Drain												
	3rd Main Road												
	Amruthahalli Police Station Back Side												
	15.00	375.00		1	86.00			1.80		154.80			
	RHS												
	0.00	413.00		1	79.00			1.80		142.20			
	Kallappa Layout												
	1st A Cross Road												
	15.00	45.00		1	2.00			1.80		3.60			
	2nd Cross Road												
	LHS												
	0.00	30.00		1	2.00			1.80		3.60			
	RHS												
	0.00	30.00		1	2.00			1.80		3.60			
	2nd A Cross Road												
	LHS												
	0.00	30.00		1	2.00			1.80		3.60			
	RHS												
	0.00	15.00		1.00	1.00			1.80		1.80			
	2nd RA Coffee Board Layout												
	5th Cross Road												
	0.00	199.00		2	40.00			1.80		144.00			
	6th Cross Road												
	0.00	39.80		2	8.00			1.80		28.80			
	7th Cross Road												
	0.00	50.00		2	13.00			1.80		46.80			
	8th Cross Road												
	0.00	165.00		2	30.00			1.80		108.00			
	Sanjeevini nagar												
	B.S Cover Slab												
	Holy Trinity Chaurch Road												
	LHS												
	0.00	35.00	L/S	1	35.00			0.90		31.50			
	Jakkur Double Rd												
	B.S Drain												
	B.S Drain												
	Jakkur Layout												
	6th A Cross Road												
	LHS												
	0.00	25.00		1	8.00			1.80		14.40			
	RHS												
	0.00	31.00		1	10.00			1.80		18.00			
	13th A Cross Road												
	LHS												
	0.00	49.20		1	11.00			1.80		19.80			
	14th A Cross Road												
	LHS												
	17.00	47.00		1	11.00			1.80		19.80			
	RHS												
	17.00	32.00	R/S	1	8.00			1.80		14.40			
	15th A Cross Road												
	LHS												
	90.50	103.00	L/S	1	8.00			1.80		14.40			
	143.00	158.00	L/S	1	9.00			1.80		16.20			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	B.S Drain												
	3rd Main Road												
	Amruthahalli Police Station Back Side												
	LHS												
	0.00	420.00		1	43.00			1.80		77.40			
	RHS												
	135.00	450.00		1	72.00			1.80		129.60			
	B.S Cover Slab												
	3rd Main Road												
	Amruthahalli Police Station Back Side												
	LHS												
	30.00	390.00		1	66.00			0.90		59.40			
	RHS												
	30.00	405.00		1	55.00			0.90		49.50			
										315.90			
	Kallappa Layout												
	1st A												
	0.00	64.00		1	62.00			1.80		111.60			
	2nd Cross Road												
	LHS												
	0.00	43.60		1	41.60			1.80		74.88			
	RHS												
	0.00	43.60		1	41.60			1.80		74.88			
	2nd A Cross Road												
	LHS												
	0.00	76.50		1	74.50			1.80		134.10			
	RHS												
	0.00	76.50		1	75.50			1.80		135.90			
										106.27			
	Coffe Board Layout												
	5th Cross Road												
	0.00	199.30		2	159.30			1.80		573.48			
	6th Cross Road												
	0.00	39.80		2	31.80			1.80		114.48			
	7th Cross Road												
	0.00	50.00		2	37.00			1.80		133.20			
	8th Cross Road												
	0.00	165.00		2	135.00			1.80		486.00			
	Hoysala Layout												
	5th Cross Road												
	B.S Drain												
	LHS												
	0.00	48.00		1	26.00				1.80	46.80			
	RHS												
	3.00	48.00		1	14.00				1.80	25.20			
	B.S Cover												
	5th Cross Road												
	LHS												
	25.00	30.00	L/S	1	5.00				0.90	4.50			
	RHS												
	3.00	35.00	L/S	1	22.00				0.90	19.80			
	Sanjeevini nagar												
	B.S Drain												
	Holy Trinity Chaurch Road												
	LHS												
	0.00	35.00	L/S	1	35.00			1.80		63.00			
	Jakkur Double Rd												
	B.S Drain												
	Jakkur Layout												
	6th A Cross Road												
	LHS												
	5.00	15.00	L/S	1	6.00			1.80		10.80			
	25.00	31.00	L/S	1	5.00			1.80		9.00			
	RHS												
	15.00	23.50	R/S	1	6.00			1.80		10.80			
	13th A Cross Road												

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
9	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications. specification. No. KBS(P.No.6, I.No.2.15 of PW,P&IWTD S.R 2016-17)												
					Item of Work Not Operated								
								Total Quantity		0.00	Cum	2442.94	0.00
10	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892 cum and fine aggregates @ 0.465 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.2 of PW,P&IWTD S.R 2016-17)												
	Cubic Apartment												
	Culvert												
	1st Main Road												
	RHS												
	74.00	82.00	R/S	1	8.00			1.80	0.15	2.16			
	Cubic Apartment												
	Culverts												
	2nd Main Road Across The Road												
	103.70	105.50		1.00	10.00			1.80	0.15	2.70			
	2nd Main Road												
	LHS												
	19.00	25.50	L/S	1.00	6.50			1.50	0.15	1.46			
	87.00	91.00	L/S	1.00	4.00			1.50	0.15	0.90			
	118.00	123.00	L/S	1.00	5.00			1.50	0.15	1.13			
	148.60	154.00	L/S	1.00	5.40			1.50	0.15	1.22			
	Amruth Nagar Sector A												
	Amruth												
	Culverts												
	Culvert												
				1	7.50			2.00	0.15	2.25			
	Culvert												
				1	6.20			2.00	0.15	1.86			
	Culvert												
				1	5.00			2.00	0.15	1.50			
	Culvert												
				1	6.20			2.00	0.15	1.86			
	Culvert												
				1	3.80			2.00	0.15	1.14			
	Culvert												
				1	5.00			2.00	0.15	1.50			
	Culvert												
				1	3.80			2.00	0.15	1.14			
	Amruth Nagar Sector A												
	Culverts												
	Appartme												
	199.50	204.40		1	4.90			2.00	0.15	1.47			
	169.30	174.90		1	5.60			2.00	0.15	1.68			
	219.70	225.70		1	6.00			2.00	0.15	1.80			
	Across												
	225.70	227.50		1	6.60			2.00	0.15	1.98			
	Kallappa Layout												
	1st Cross Road												
	LHS												
	0.00	44.30		2	44.30			0.30	0.10	2.66			

Modified Estimate

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	RHS												
	0.00	43.90		2	43.90			0.30	0.10	2.63			
	1st A Cross Road												
	LHS	0.00											
	0.00	64.00		2	64.00			0.30	0.10	3.84			
	2nd Cross Road												
	RHS												
	0.00	43.60		2	43.60			0.30	0.10	2.62			
	2nd A Cross Road												
	LHS												
	0.00	76.50		2	76.50			0.30	0.10	4.59			
	RHS												
	0.00	76.50		2	76.50			0.30	0.10	4.59			
	Bhuvanehswari nagar												
	St Anthony Church Road												
	RHS												
	0.00	140.00	R/S	1	140.00			0.90	0.15	18.90			
	Sanjeevini nagar												
	Holy Trinity Chaurch Road												
	For Flagging Coarse												
	Aralemara Opposite side			2	45.00			0.20	0.10	1.80			
	For Kerb Bottom												
	Aralemara			1	117.00			0.20	0.10	2.34			
	For Road Edge												
	Aralemara side			1	117.00			0.20	0.10	2.34			
	New Culvert			1	9.60			1.80	0.15	2.59			
	UGD Cut Portion for NP3 Pipe installations												
	Jain School Road												
	0.00	38.10		1	38.10			0.50	0.10	1.91			
	Kempapura Main Road												
	0.00	558.80		1	558.80			0.50	0.10	27.94			
	Dedudct Manhole Volume												
				-26	1.20			0.50	0.10	-1.56			
								Total		104.93	cum	5723.17	6,00,517.92
11	KSRB 4-6.1: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specifcation No. KBS 4.6.2 (P.No.15, I.No.4.28 of PW, P&IWTD SR 2016-17)												
	Bhuvanehswari nagar												
	St Anthony Church Road												
	RHS												
	For Bottom Raft												
	0.00	140.00	R/S	2	140.00				0.15	42.00			
	Cast In Situ Slab												
				1	5.00			1.10		5.50			
								Total Quantity		47.50			
								Quantity Limited to		24.00	Sqm	262.00	6,288.00
12	KSRB 4-6.4: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surfaces such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No.KBS 4.6.2 (P.No.15, I.No.4.31 of PW,P&IWTD SR 2016-17)												
	Bhuvanehswari nagar												
	St Anthony Church Road												
	RHS												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	0.00	90.00	R/S	4	90.00				0.75	270.00			
	90.00	140.00	R/S	4	50.00				0.70	140.00			
									Total Quar	410.00			
									Quantity Lim	172.80	Sqm	332.32	57,424.90
13	Providing and laying cement concrete using 20mm and downsize granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for RCC works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, with all lead and lifts etc., complete (exclusive of cpost of steel and fabricaton charges). Ready Mixed Cement Concrete M 20 for Raft foundation, Column, Footing, main and secondary beams. (P.No.18, I.No.4.48 of PW, P&IWTD SR 2016-17)												
	Bhuvanehswari nagar												
	St Anthony Church Road												
	RHS												
	For Bottom Raft												
	0.00	140.00	R/S	1	140.00			0.90	0.15	18.90			
	Side Wall												
	0.00	90.00	R/S	2	90.00			0.15	0.75	20.25			
	90.00	140.00	R/S	2	50.00			0.15	0.70	10.50			
	Cast In Situ Slab												
				1	5.00			1.10	0.20	1.10			
									Total Quantity	50.75			
									Quantity Limited To	38.40	Cum	6667.96	2,56,049.66
14	KSRB - 4.9.2: Providing TMT steel reinforcement Fe500 for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3. (P.No.17, I.No.4.46.2 of PW, P&IWTD SR 2016-17)												
	Bhuvanehswari nagar												
	St Anthony Church Road												
	RHS												
	Main Bars												
	10 mm dia Bars			700.00	2.40			0.62		1037.04			
	Distribution Bars												
	8 mm Dia Bars			15.00	140.00			0.40		829.63			
	Cast In Situ Slab												
	Main Bars												
	10 mm dia Bars			25.00	1.10			0.62		16.98			
	Distribution Bars												
	8 mm Dia Bars			6.00	5.00			0.40		11.85			
										1895.49			
									Total Quantity	1.90	Tonne	68740.46	1,30,297.12
15	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 (P.No.12, I.No.5.27.2 of PW,P&IWTD S.R 2016-17)												
	Kallappa Layout												
	1st Cross Road												
	LHS												
	0.00	44.30		2	44.30				0.40	35.44			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	RHS												
	0.00	43.90		2	43.90				0.40	35.12			
	1st A Cross Road												
	LHS												
	0.00	64.00		2	64.00				0.20	25.60			
	2nd Cross Road												
	RHS												
	0.00	15.00		2	15.00				0.40	12.00			
	15.00	43.60		2	28.60				0.20	11.44			
	2nd A Cross Road												
	LHS												
	0.00	15.00		2	15.00				0.40	12.00			
	15.00	76.50		2	61.50				0.20	24.60			
	RHS												
	0.00	76.50		2	76.50				0.20	30.60			
	Sanjeevini nagar												
	For Flagging Coarse												
	Holy Trinity Chaurch Road			1	35.00				0.40	14.00			
				1	35.00				0.20	7.00			
				2	10.00				0.60	12.00			
								Total		219.80	Cum	942.52	2,07,165.90
16	KSRB 5.2-3: Providing and constructing granite size stone masonry in foundation cement mortor 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at 2m. apart in each course including cost of materaials, labour, curing complete as per specifications. Specifcation No. KBS 5.1.13. (P.No.23, I.No.5.6 of PW, P&IWTD S.R 2016-17)												
	Cubic Apartment												
	Culvert												
	1st Main Road												
	RHS												
	74.00	82.00	R/S	2	8.00			0.45	0.69	4.97	culvert		
	Cubic Apartment												
	Culverts												
	2nd Main Road Across The Road												
	103.70	105.50		2.00	10.00			0.45	0.69	6.21			
	2nd Main Road												
	LHS												
	19.00	25.50	L/S	2.00	6.50			0.45	0.45	2.63			
	87.00	91.00	L/S	2.00	4.00			0.45	0.45	1.62			
	118.00	123.00	L/S	2.00	5.00			0.45	0.45	2.03			
	148.60	154.00	L/S	2.00	5.40			0.45	0.45	2.19			
	Amruth Nagar Sector A												
	Culverts												
	Culvert			2	7.50			0.60	0.92	8.28			
	Culvert			2	6.20			0.60	0.92	6.84			
	Culvert			2	5.00			0.60	0.69	4.14			
	Culvert			2	6.20			0.60	0.69	5.13			
	Culvert			2	3.80			0.60	0.69	3.15			
	Culvert			2	5.00			0.60	0.69	4.14			
	Culvert			2	3.80			0.60	0.69	3.15			

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Amruth Nagar Sector A												
	Culverts												
	Appartme												
	199.50	204.40		2.00	4.90			0.45	0.45	1.98			
	169.30	174.90		2.00	5.60			0.45	0.69	3.48			
	219.70	225.70		2.00	6.00			0.45	0.45	2.43			
	Across												
	225.70	227.50		2.00	6.60			0.45	0.69	4.10			
	Sanjeevini nagar												
	New Culvert			2	9.60			0.60	0.60	6.91			
								Total		73.38	cum	4748.9	3,48,457.19
17	KSRB 15.1.1 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (P.No.113, I.No.15.1 of PW, P&IWTD S.R 2016-17)												
	Cubic Apartment												
	Culvert												
	1st Main Road												
	RHS												
	74.00	82.00	R/S	2	8.00				0.69	11.04	culvert		
	Cubic Apartment												
	Culverts												
	2nd Main Road Across The Road												
	103.70	105.50		2.00	10.00				0.69	13.80			
	2nd Main Road												
	LHS												
	19.00	25.50	L/S	2.00	6.50				0.45	5.85			
	87.00	91.00	L/S	2.00	4.00				0.45	3.60			
	118.00	123.00	L/S	2.00	5.00				0.45	4.50			
	148.60	154.00	L/S	2.00	5.40				0.45	4.86			
	Amruth Nagar Sector A												
	Culverts												
	Culvert												
				2	7.50				0.92	13.80			
	Culvert												
				2	6.20				0.92	11.41			
	Culvert												
				2	5.00				0.69	6.90			
	Culvert												
				2	6.20				0.69	8.56			
	Culvert												
				2	3.80				0.69	5.24			
	Culvert												
				2	5.00				0.69	6.90			
	Culvert												
				2	3.80				0.69	5.24			
	Amruth Nagar Sector A												
	Culverts												
	Appartment Beside Road (LHS)												
	199.50	204.40		2.00	4.90				0.45	4.41			
	169.30	174.90		2.00	5.60				0.69	7.73			
	219.70	225.70		2.00	6.00				0.45	5.40			
	Across												
	225.70	227.50		2.00	6.60				0.69	9.11			
								Total		128.35	Sqm	110.02	14,120.85
18	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No.4.6 of PW,P&IWTD S.R 2016-17)												
	Cubic Apartment												

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	RHS												
	0.00	170.00		1	29.00			1.80		52.20			
	Talakaveri Badavane 8th Cross Road												
	LHS												
	75.00	90.00	L/S	1	5.00			1.80		9.00			
	135.00	143.50	L/S	1	5.00			1.80		9.00			
	RHS												
	0.00	140.00		1	25.00			1.80		45.00			
	16th A Cross Road												
	LHS												
	0.00	125.00		1	29.10			1.80		52.38			
	RHS												
	20.00	125.00		1	23.00			1.80		41.40			
	17th A Cross Road												
	LHS												
	0.00	15.00	L/S	1	6.00			1.80		10.80			
	RHS												
	15.00	27.50	R/S	1	3.00			1.80		5.40			
	18th A Cross Road												
	LHS												
	0.00	30.00		1	9.00			1.80		16.20			
	Approach Road												
	LHS												
	0.00	100.50		1	21.00			1.80		37.80			
	RHS												
	0.00	90.00		1	19.00			1.80		34.20			
	19th Cross Road												
	LHS												
	45.00	90.00		1	14.00			1.80		25.20			
	RHS												
	45.00	60.00	R/S	1	8.00			1.80		14.40			
	19th A Cross Road												
	LHS												
	0.00	66.00		1	10.00			1.80		18.00			
	RHS												
	0.00	84.00		1	18.00			1.80		32.40			
	Gopalappa to Cof board												
	B.S Drain												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	LHS												
	0.00	440.00		1	120.00			1.80		216.00			
	RHS												
	0.00	570.00		1	166.00			1.80		298.80			
	Mandi Mariyappa rd												
	B.S Drain												
	Mandi Mariyappa Reddy Road												
	LHS												
	0.00	746.00		1	155.00			1.80		279.00			
	RHS												
	0.00	746.00		1	252.00			1.80		453.60			
								Total		6135.12	Sqm	712.28	43,69,926.54
8	Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 10cms thick (P.No.25, I.No.5.31.2 of PW, P&IWTD SR 2016-17)												
					Item of Work Not Operated								
								Total Quantity		0.00	Sqm	883.54	0.00

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Coping Concrete												
	Holy Trinity Chaurch Road			1	35.00			0.15	0.10	0.53			
				1	35.00			0.15	0.10	0.53			
				2	10.00			0.15	0.10	0.30			
	New Culvert												
	Bottom Concrete			1	9.60			1.80	0.15	2.59			
	Coping Concrete			2	9.60			0.10	0.60	1.15			
	For Kerb Bottom												
	Aralemara side			1	105.00			0.20	0.10	2.10			
				1	12.00			0.20	0.10	0.24			
								Total		**34.61**	**Cum**	**6171.18**	**2,13,609.22**
19	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification. (P.No. 109, I.No. 14.62 of PWD SR 2016-17)												
	Big Market Sahakarnagar 60ft												
	Sahakar Nagar 60ft Road (Big Market Road)												
	RHS												
	0.00	712.50		1	475.00	1.00	1.00	1.00		475.00			
	LHS												
	0.00	706.00		1	661.00	1.00	1.00	1.00		661.00			
								Total		**1136.00**	**Sqm**	**1230.61**	**1397972.96**
20	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work												
	Big Market Sahakarnagar 60ft												
	Sahakar Nagar 60ft Road (Big Market Road)												
	RHS												
	0.00	811.00		1	69.00			1.20		82.80			
	LHS												
	37.20	816.00		1	88.30			1.20		105.96			
	Kallappa Layout												
	1st Cross												
	LHS												
	0.00	44.30		1.00	44.30			0.90		39.87			
	RHS												
	0.00	43.90		1.00	41.50			0.90		37.35			
	1st A												
	LHS												
	0.00	15.00		1.00	58.50			0.90		52.65			
	2nd												
	LHS												
	0.00	43.60		1.00	20.10			0.90		18.09			
	RHS												
	0.00	43.60		1.00	18.60			0.90		16.74			
	2nd A												
	LHS												
	0.00	16.00		1.00	14.30			0.90		12.87			

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	RHS												
	0.00	41.50		1.00	32.00			0.90		28.80			
	Bhuvaneshwari nagar												
	St Anthony Church Road												
	RHS												
	19.00	140.00	R/S	185				0.90	0.60	99.90			
	Kashinagar cross Roads and Surrounding Area												
				1	1210.00			0.90		1089.00			
								Total		1584.03	Sqm	1859.66	2945757.23
21	Providing and fixing RCC Precast cover slab of 250mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)												
	Big Market Sahakarnagar 60ft												
	Culvert												
	1st Main Road												
	RHS												
	74.00	82.00	R/S	1	8.00			1.80		14.40	culvert		
	Amruth Nagar Sector A												
	Culverts												
	Culvert												
				1	7.50			1.80		13.50			
	Culvert												
				1	6.20			1.80		11.16			
	Culvert												
				1	5.00			1.80		9.00			
	Culvert												
				1	6.20			1.80		11.16			
	Culvert												
				1	3.80			1.80		6.84			
	Culvert												
				1	5.00			1.80		9.00			
	Culvert												
				1	3.80			1.80		6.84			
	Amruth Nagar Sector A												
	Culverts												
	Appartme												
	199.50	204.40		1.00	4.90			1.50		7.35			
	169.30	174.90		1.00	5.60			1.50		8.40			
	219.70	225.70		1.00	6.00			1.50		9.00			
	Across												
	225.70	227.50		1.00	6.60			1.50		9.90			
	Cubic apartment												
	Culverts												
	2nd Main Road Across The Road												
	103.70	105.50		1.00	10.00			1.80		18.00			
	2nd Main Road												
	LHS												
	19.00	25.50	L/S	1.00	6.50			1.50		9.75			
	87.00	91.00	L/S	1.00	4.00			1.50		6.00			
	118.00	123.00	L/S	1.00	5.00			1.50		7.50			
	148.60	154.00	L/S	1.00	5.40			1.50		8.10			
	Sanjeevini nagar												
	New Culvert			16	1.80			0.60		17.28			

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
								Total		183.18	Sqm	5297.57	9,70,408.87
22	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.90 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to embankment location and complete as per specifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of PW,P&IWTD S.R 2016-17)												
	Big Market Sahakarnagar 60ft												
	Hegde nagar												
	For bescom and ugd cut restoration												
	RHS												
	0.00	578.00		1	578.00			4.47	0.23	594.51			
	LHS												
	0.00	344.00		1	344.00			1.65	0.23	130.79			
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN												
	0.00	203.00		1	203.00			8.32	0.23	388.46			
	Bad Reaches												
				12	1.85			1.50	0.23	7.66			
				16	1.95			2.45	0.23	17.58			
				13	1.75			1.35	0.23	7.06			
				1	19.00			2.50	0.23	10.93			
	Big Market Sahakarnagar 60ft												
	Sahakaranagar												
	15th Main Road												
				1	0.40			4.55	0.23	0.42			
	Edge Lines												
	LHS												
	15.00	45.00	L/S	1	30.00	1.10	0.70	0.90	0.23	6.21			
	RHS												
	45.00	50.00	R/S	1	5.00	0.60	0.30	0.45	0.23	0.52			
	50.00	77.50	R/S	1	27.50	0.30	0.30	0.30	0.23	1.90			
	15th Cross Road												
				2	0.80			2.40	0.23	0.88			
				3	1.70			0.70	0.23	0.82			
				1	0.80			0.70	0.23	0.13			
	Edge Lines												
	LHS												
			L/S	1	80.80			1.17	0.23	21.74			
			R/S	1	75.60			1.07	0.23	18.61			
	16 th Cross Road												
	Bad												
	0.00	28.00		1	28.00			8.57	0.23	55.19			
				1	0.80			1.70	0.23	0.31			
				1	0.70			5.10	0.23	0.82			
				1	0.80			1.40	0.23	0.26			
				1	0.80			1.30	0.23	0.24			
	Edge Line												
	LHS												
			L/S	1	12.30			0.90	0.23	2.55			
			L/S	1	15.00			1.00	0.23	3.45			
			L/S	1	3.30			1.00	0.23	0.76			
			L/S	1	2.80			1.40	0.23	0.90			

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Culvert												
	1st Main Road												
	RHS												
	74.00	82.00	R/S	1	8.00			0.45	0.075	0.27	culvert		
	Cubic Apartment												
	Culverts												
	2nd Main Road Across The Road												
	103.70	105.50		2	10.00			0.45	0.075	1.50			
	2nd Main Road												
	LHS												
	19.00	25.50	L/S	2	6.50			0.45	0.075	0.98			
	87.00	91.00	L/S	2	4.00			0.45	0.075	0.60			
	118.00	123.00	L/S	2	5.00			0.45	0.075	0.75			
	148.60	154.00	L/S	2	5.40			0.45	0.075	0.81			
	Amruth Nagar Sector A												
	Culverts												
	Culvert												
				2	7.50			0.60	0.10	0.90			
	Culvert												
				2	6.20			0.60	0.10	0.74			
	Culvert												
				2	5.00			0.60	0.10	0.60			
	Culvert												
				2	6.20			0.60	0.10	0.74			
	Culvert												
				2	3.80			0.60	0.10	0.46			
	Culvert												
				2	5.00			0.60	0.10	0.60			
	Culvert												
				2	3.80			0.60	0.10	0.46			
	Amruth Nagar Sector A												
	Culverts												
	Appartment Beside Road (LHS)												
	199.50	204.40		2	4.90			0.45	0.10	0.44			
	169.30	174.90		2	5.60			0.45	0.10	0.50			
	219.70	225.70		2	6.00			0.45	0.10	0.54			
	Across the Road												
	225.70	227.50		2	6.60			0.45	0.10	0.59			
	Kallappa Layout												
	1st Cross Road												
	LHS												
	0.00	44.30		2	44.30			0.30	0.075	1.99			
	RHS												
	0.00	43.90		2	43.90			0.30	0.075	1.98			
	1st A Cross Road												
	LHS												
	0.00	64.00		2	64.00			0.30	0.075	2.88			
	2nd Cross Road												
	RHS												
	0.00	43.60		2	43.60			0.30	0.075	1.96			
	2nd A Cross Road												
	LHS												
	0.00	76.50		2	76.50			0.30	0.075	3.44			
	RHS												
	0.00	76.50		2	76.50			0.30	0.075	3.44			
	Sanjeevini nagar												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
			L/S	1	50.00			1.16	0.23	13.34			
			R/S	1	62.00			0.50	0.23	7.13			
	19th Main Road												
				1	0.80			1.20	0.23	0.22			
				1	1.50			1.00	0.23	0.35			
	Edge Lines												
			L/S	1	88.00			0.60	0.23	12.14			
			R/S	1	66.70			1.05	0.23	16.11			
	19th Cross Road												
				1	0.40			0.30	0.23	0.03			
				1	0.30			6.20	0.23	0.43			
				1	1.30			0.40	0.23	0.12			
				1	5.40			0.40	0.23	0.50			
				1	0.30			1.60	0.23	0.11			
	Edge Lines												
			L/S	1	40.30			0.28	0.23	2.61			
			R/S	1	27.10			0.56	0.23	3.48			
	19th A												
				1	1.20			2.00	0.23	0.55			
	Edge Lines												
			L/S	1	82.40			0.57	0.23	10.88			
			R/S	1	41.10			0.28	0.23	2.67			
	20th Main Road (bescom)												
	0.00	74.00		1	74.00			4.83	0.23	82.12			
	21st Main Road												
				1	0.30			7.00	0.23	0.48			
	20th Cross Road												
				1	0.20			8.50	0.23	0.39			
				1	0.30			9.00	0.23	0.62			
				1	0.25			10.60	0.23	0.61			
	Edge Lines												
	0.00	85.50	R/S	1	85.50			1.00	0.23	19.67			
	Happy Childhood Road												
				1	4.00			1.50	0.23	1.38			
				1	0.30			5.60	0.23	0.39			
	Edge Lines												
	0.00	95.20	L/S	1	95.20			1.43	0.23	31.31			
	0.00	95.20	R/S	1	95.20			1.42	0.23	31.14			
	Ayyappa Swamy Temple Road												
	5th Cross Road												
				1	31.00			5.83	0.23	41.60			
	Cubic Apartment												
	1st Main Road												
	0.00	177.00		1	177.00			10.33	0.23	420.53			
	Connecting Road From 1st Mn to 2nd Main Road												
	0.00	26.40		1	26.40			7.70	0.23	46.75			
	2nd Main Road												
	0.00	209.20		1	209.20			9.58	0.23	460.71			
	1st Cross Road												
	0.00	46.30		1	46.30			6.52	0.23	69.38			

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Cubic Apartment												
	2nd Cross Road												
	0.00	44.90		1.00	44.90			5.48	0.23	56.62			
	3rd Cross Road												
	0.00	44.60		1.00	44.60			5.60	0.23	57.44			
	4th Cross Road												
	0.00	44.00		1.00	44.00			4.36	0.23	44.14			
	Pampa Extension Road												
	Road Portion												
	Bad Reaches												
	Pampa Extension												
	1st Cross Road												
				1	1.80			1.50	0.23	0.62			
				1	1.50			1.40	0.23	0.48			
	2nd Cross Road												
				1	1.30			1.50	0.23	0.45			
	3rd Cross Road												
				1	1.50			1.00	0.23	0.35			
	4th Cross Road												
				1	1.50			1.30	0.23	0.45			
				1	1.10			1.20	0.23	0.30			
				1	1.50			1.10	0.23	0.38			
	9th Cross Road												
				1	2.00			1.30	0.23	0.60			
				1	1.20			1.20	0.23	0.33			
				1	1.00			1.10	0.23	0.25			
				1	1.30			1.20	0.23	0.36			
	11th Cross Road												
				1	1.80			1.70	0.23	0.70			
				1	1.50			1.25	0.23	0.43			
				1	1.15			1.30	0.23	0.34			
	12th Cross Road												
				1	1.30			1.00	0.23	0.30			
				1	2.00			1.30	0.23	0.60			
				1	1.50			1.80	0.23	0.62			
				1	1.90			1.30	0.23	0.57			
	2nd Main Road												
				1	1.20			2.00	0.23	0.55			
				1	1.50			1.80	0.23	0.62			
				1	1.70			1.10	0.23	0.43			
	3rd Main Road												
				1	1.80			2.00	0.23	0.83			
				1	1.80			1.50	0.23	0.62			
				1	1.35			1.80	0.23	0.56			
				1	1.90			1.20	0.23	0.52			
				1	1.20			1.80	0.23	0.50			
	4th Main Road												
				1	1.50			1.80	0.23	0.62			
				1	2.00			2.20	0.23	1.01			
				1	2.30			1.80	0.23	0.95			
				1	3.00			1.95	0.23	1.35			
				1	2.00			1.75	0.23	0.81			
				1	2.20			1.70	0.23	0.86			
				1	2.30			1.50	0.23	0.79			
				1	1.80			1.20	0.23	0.50			
	5th Main Road												
				1	1.50			1.10	0.23	0.38			
				1	1.20			1.60	0.23	0.44			
				1	1.30			1.30	0.23	0.39			
				1	1.00			1.20	0.23	0.28			
				1	1.80			1.50	0.23	0.62			
				1	2.05			1.00	0.23	0.47			
				1	1.90			1.20	0.23	0.52			
				1	1.80			1.30	0.23	0.54			
	Pampa Extension Road												
	Vinayaka layout												
	1st Main Road												

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
			1	39.80			4.30	0.23	39.32			
	Bad Reaches											
			1	3.20			0.40	0.23	0.29			
			1	6.60			0.40	0.23	0.61			
			1	2.00			1.10	0.23	0.51			
	Edge Lines											
		L/S	1	49.70			0.25	0.23	2.86			
		R/S	1	41.70			0.30	0.23	2.88			
	1st B Cross Road											
			1	15.00			0.90	0.23	3.11			
			1	15.00			0.90	0.23	3.11			
			1	6.00			0.90	0.23	1.24			
			1	15.00			4.50	0.23	15.53			
			1	13.50			4.50	0.23	13.97			
	Edge Lines											
		L/S	1	19.40			0.20	0.23	0.89			
		R/S	1	25.40			0.40	0.23	2.34			
	2nd B Cross Road											
			1	1.10			1.20	0.23	0.30			
			1	1.00			2.20	0.23	0.51			
			1	1.00			2.90	0.23	0.67			
	Edge Lines											
	LHS											
		L/S	1	6.80			0.60	0.23	0.94			
		L/S	1	12.00			0.40	0.23	1.10			
		L/S	1	2.00			0.60	0.23	0.28			
		L/S	1	2.10			0.30	0.23	0.14			
		L/S	1	3.00			0.55	0.23	0.38			
		L/S	1	4.80			0.20	0.23	0.22			
		L/S	1	6.20			0.40	0.23	0.57			
	RHS											
		R/S	1	4.20			0.60	0.23	0.58			
		R/S	1	0.80			1.10	0.23	0.20			
		R/S	1	4.00			0.30	0.23	0.28			
		R/S	1	2.50			5.80	0.23	3.34			
		R/S	1	15.00			0.40	0.23	1.38			
		R/S	1	9.00			0.40	0.23	0.83			
	3rd Cross Road											
			1	0.40			2.20	0.23	0.20			
			1	0.90			2.10	0.23	0.43			
			1	1.10			0.40	0.23	0.10			
			1	0.20			5.30	0.23	0.24			
			1	0.30			2.50	0.23	0.17			
			1	0.40			5.40	0.23	0.50			
			1	4.70			4.80	0.23	5.19			
	Edge Lines											
	LHS											
		L/S	1	12.10			0.30	0.23	0.83			
		L/S	1	15.60			0.45	0.23	1.61			
	RHS											
		R/S	1	12.3			0.20	0.23	0.57			
	4th A Cross Road											
			1	0.30			2.20	0.23	0.15			
			1	1.10			1.70	0.23	0.43			
			1	0.80			1.30	0.23	0.24			
			1	0.90			4.80	0.23	0.99			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
				1	0.80			0.70	0.23	0.13			
				1	0.35			2.20	0.23	0.18			
				1	13.20			6.60	0.23	20.04			
	Edge Lines												
	LHS												
			L/S	1	6.00			0.58	0.23	0.80			
			L/S	1	8.00			0.27	0.23	0.50			
			L/S	1	2.10			0.20	0.23	0.10			
			L/S	1	14.40			0.30	0.23	0.99			
	RHS												
			R/S	1	6.00			0.20	0.23	0.28			
			R/S	1	4.20			0.20	0.23	0.19			
			R/S	1	3.40			0.25	0.23	0.20			
			R/S	1	14.40			0.20	0.23	0.66			
	5th Cross Road												
	15.00	30.00		1	15.00			5.93	0.23	20.44			
	6th Cross Road												
	30.00	45.00		1	15.00			5.95	0.23	20.53			
	Kempapura												
	1st Cross Road												
	20.00	30.00		1	10.00			3.90	0.23	8.97			
	2nd Cross Road												
				1	1.15			4.80	0.23	1.27			
				1	0.20			5.00	0.23	0.23			
	Edge Lines												
	LHS												
			L/S	1	8.40			0.30	0.23	0.58			
			L/S	1	6.00			0.25	0.23	0.35			
	RHS												
			R/S	1	15.00			0.55	0.23	1.90			
			R/S	1	2.00			0.55	0.23	0.25			
	3rd Cross Road												
				1	6.00			3.40	0.23	4.69			
	Edge Lines												
	RHS												
			R/S	1	9.60			0.38	0.23	0.84			
			R/S	1	9.00			1.00	0.23	2.07			
			R/S	1	12.60			0.25	0.23	0.72			
	4th Cross Road												
				1	1.20			2.20	0.23	0.61			
				1	4.20			0.20	0.23	0.19			
	Edge Lines												
	LHS												
			L/S	1	7.80			0.30	0.23	0.54			
	RHS												
			R/S	1	9.00			0.40	0.23	0.83			
			R/S	1	13.20			0.60	0.23	1.82			
	Amruthanagara A sector												
	Road												
	Bad Reaches												
	1st Main Road												
	LHS												
			L/S	1	1.10			1.10	0.23	0.28			
			L/S	1	1.20			1.00	0.23	0.28			
			L/S	1	1.20			1.30	0.23	0.36			
			L/S	1	1.50			0.90	0.23	0.31			
			L/S	1	1.20			1.20	0.23	0.33			

BOQ Iter No

BOQ Item No	Description Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
		L/S	1	1.00			1.00	0.23	0.23			
		L/S	1	1.30			1.20	0.23	0.36			
		L/S	1	1.20			1.30	0.23	0.36			
		L/S	1	1.20			1.00	0.23	0.28			
		L/S	1	1.50			1.30	0.23	0.45			
		L/S	1	1.20			1.30	0.23	0.36			
		L/S	1	1.00			1.20	0.23	0.28			
		L/S	1	1.20			1.10	0.23	0.30			
		L/S	1	1.00			1.00	0.23	0.23			
		L/S	1	1.20			1.30	0.23	0.36			
	RHS											
		R/S	1	1.00			1.30	0.23	0.30			
		R/S	1	0.80			1.30	0.23	0.24			
		R/S	1	0.90			1.20	0.23	0.25			
		R/S	1	0.60			1.30	0.23	0.18			
		R/S	1	0.90			1.00	0.23	0.21			
		R/S	1	1.20			1.30	0.23	0.36			
		R/S	1	1.00			1.50	0.23	0.35			
		R/S	1	1.20			1.20	0.23	0.33			
		R/S	1	1.30			1.20	0.23	0.36			
		R/S	1	1.00			1.10	0.23	0.25			
		R/S	1	1.30			1.20	0.23	0.36			
		R/S	1	0.80			1.00	0.23	0.18			
		R/S	1	1.20			1.10	0.23	0.30			
		R/S	1	0.90			1.20	0.23	0.25			
		R/S	1	1.00			1.20	0.23	0.28			
	2nd Main Road in 1st Cross Raod											
			1	1.50			1.30	0.23	0.45			
			1	1.20			1.20	0.23	0.33			
			1	1.00			1.00	0.23	0.23			
			1	0.80			1.20	0.23	0.22			
	1st											
			1	1.00			1.50	0.23	0.35			
	Sri Sai Sannidi Appartment Road Amruthnagar											
	Road B/W 1st cr & 2nd Cross rd											
			1	0.80			1.00	0.23	0.18			
			1	0.90			1.20	0.23	0.25			
	Road B/W 2nd Cross & 3rd Cross rd											
			1	1.20			1.10	0.23	0.30			
	Road B/W 3rd Cross & 4th Cross rd											
			1	1.10			1.30	0.23	0.33			
	Road B/W 4th Cross & 5th Cross											
			1	1.20			1.10	0.23	0.30			
	2nd Cross Road											
			1	1.00			1.20	0.23	0.28			
			1	1.20			1.20	0.23	0.33			
			1	1.30			1.20	0.23	0.36			
			1	1.00			0.90	0.23	0.21			
			1	1.30			1.20	0.23	0.36			
			1	1.50			0.90	0.23	0.31			
	3rd Cross Road											
			1	1.20			1.20	0.23	0.33			
			1	1.00			1.00	0.23	0.23			
			1	0.80			1.20	0.23	0.22			
			1	1.30			1.00	0.23	0.30			
	4th Cross Road											
			1	1.30			1.20	0.23	0.36			
			1	1.00			1.50	0.23	0.35			
			1	1.30			1.20	0.23	0.36			
			1	1.10			0.90	0.23	0.23			
			1	1.20			0.80	0.23	0.22			
			1	1.00			1.30	0.23	0.30			
	5th Cross Road											
			1	1.50			2.00	0.23	0.69			
			1	1.20			1.50	0.23	0.41			
			1	1.20			1.80	0.23	0.50			
			1	1.00			1.20	0.23	0.28			
			1	1.00			0.60	0.23	0.14			
	2nd B Cross Road											
	LHS											
			1	1.20			1.80	0.23	0.50			
			1	1.00			1.60	0.23	0.37			
			1	1.70			1.50	0.23	0.59			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	RHS												
				1	1.00			1.50	0.23	0.35			
				1	1.60			1.70	0.23	0.63			
				1	1.25			1.20	0.23	0.35			
	1st Main Road Beside BBMP Park												
	LHS												
				1	1.20			1.80	0.23	0.50			
				1	1.00			1.60	0.23	0.37			
				1	1.80			1.50	0.23	0.62			
	RHS												
				1	1.00			1.50	0.23	0.35			
				1	1.60			1.70	0.23	0.63			
				1	1.25			1.20	0.23	0.35			
	2nd Main Road												
				1	1.00			1.30	0.23	0.30			
				1	1.70			1.00	0.23	0.39			
				1	1.50			1.20	0.23	0.41			
	8th Cross Road												
	LHS												
				1	1.00			1.50	0.23	0.35			
				1	1.80			1.00	0.23	0.41			
				1	1.20			1.80	0.23	0.50			
	RHS												
				1	1.50			1.00	0.23	0.35			
				1	1.20			1.50	0.23	0.41			
				1	1.00			1.20	0.23	0.28			
	8th A Cross Road												
	LHS												
				1	1.00			1.20	0.23	0.28			
				1	0.80			1.00	0.23	0.18			
	Amruthanagara A sector												
	Maruthi Farm 5th cross Rd												
	0.00	87.10		1	87.10			4.78	0.23	95.76			
	Appartment Beside Road (RHS)												
	0.00	121.00		1	121.00			3.66	0.23	101.91			
	Appartment Beside Road (LHS)												
	0.00	180.00		1	180.00			5.81	0.23	240.33			
	UGD Cut Portion												
	Maruthi Farm 8th Cross Road												
	0.00	138.00		1	138.00			1.50	0.23	47.61			
	Amruthanagara A sector												
	Amruthahalli Police Staion Back side												
	1st Main Road (0-430)												
	0.00	426.00		1	426.00			8.97	0.30	1146.69			
	Coffee Board Layout												
	Road Portion												
	Bad Reaches												
	5th Cross												
				1	1.80			2.00	0.23	0.83			
				1	1.90			2.30	0.23	1.01			
				1	1.50			1.80	0.23	0.62			
				1	2.00			1.30	0.23	0.60			
				1	2.10			1.50	0.23	0.72			
				1	2.20			1.00	0.23	0.51			
				1	1.80			1.60	0.23	0.66			
	6th Cross												
				1	1.30			1.20	0.23	0.36			
				1	1.20			1.00	0.23	0.28			
	7th Cross												
				1	1.20			1.30	0.23	0.36			
				1	1.80			1.10	0.23	0.46			
	8th Cross												
				1	1.50			1.50	0.23	0.52			
				1	1.80			1.80	0.23	0.75			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
				1	1.30			2.00	0.23	0.60			
				1	1.80			1.50	0.23	0.62			
				1	1.50			2.00	0.23	0.69			
				1	1.10			1.30	0.23	0.33			
	Kuvempu road(raghvendra circle to coffee board layout main road)												
				1	2.00			1.30	0.23	0.60			
				1	1.80			2.00	0.23	0.83			
				1	1.50			2.50	0.23	0.86			
				1	1.20			2.30	0.23	0.63			
				1	1.30			2.20	0.23	0.66			
				1	1.50			2.10	0.23	0.72			
				1	2.00			2.00	0.23	0.92			
				1	2.00			1.85	0.23	0.85			
				1	2.50			1.90	0.23	1.09			
				1	1.80			2.00	0.23	0.83			
				1	1.90			2.30	0.23	1.01			
				1	1.50			2.00	0.23	0.69			
				1	2.00			1.30	0.23	0.60			
				1	2.10			1.50	0.23	0.72			
				1	2.20			2.30	0.23	1.16			
				1	2.30			2.80	0.23	1.48			
				1	2.80			2.40	0.23	1.55			
				1	1.50			2.30	0.23	0.79			
				1	1.80			2.20	0.23	0.91			
				1	2.80			2.00	0.23	1.29			
				1	3.00			1.85	0.23	1.28			
				1	2.30			2.00	0.23	1.06			
				1	2.60			2.00	0.23	1.20			
	Coffe Board Zroad from green trends up to kannada flag												
				1	3.10			2.15	0.23	1.53			
				1	2.80			2.50	0.23	1.61			
				1	2.75			2.35	0.23	1.49			
				1	3.00			2.20	0.23	1.52			
				1	2.80			2.25	0.23	1.45			
				1	2.75			2.80	0.23	1.77			
				1	2.35			2.35	0.23	1.27			
				1	2.15			2.50	0.23	1.24			
				1	3.50			2.50	0.23	2.01			
				1	3.00			2.65	0.23	1.83			
	kannada flag to Main Road												
				1	1.30			2.10	0.23	0.63			
				1	2.30			2.35	0.23	1.24			
				1	2.50			2.40	0.23	1.38			
				1	2.20			2.50	0.23	1.27			
	Hoysala Layout												
	1st Cross Road												
	0.00	317.30		1	317.30			4.72	0.23	344.39			
	2nd Cross Road												
	0.00	83.50		1	83.50			3.71	0.23	71.27			
	3rd Cross Road												
	0.00	55.50		1	55.50			4.67	0.23	59.59			
	4th Cross Road												
	0.00	34.00		1	34.00			5.76	0.23	45.02			
	5th Cross Road												
	0.00	53.00		1	53.00			4.53	0.23	55.22			
	6th Cross Road												
	0.00	32.00		1	32.00			5.65	0.23	41.61			
	7th Cross Road												
	0.00	64.30		1	64.30			5.03	0.23	74.39			
	18th c/s to JNC circle												

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	ORTUR Apartment Road												
	0.00	628.00	L/S	1	628.00			2.02	0.30	381.13			
	0.00	628.00	L/S	1	628.00			1.66	0.30	312.74			
	Approachs												
				1	6.00			1.35	0.30	2.43			
				1	2.20			2.70	0.30	1.78			
				1	5.50			1.80	0.30	2.97			
				1	8.10			1.90	0.30	4.62			
				1	3.80			1.80	0.30	2.05			
				1	3.90			1.30	0.30	1.52			
				1	3.50			5.00	0.30	5.25			
				1	2.10			3.30	0.30	2.08			
				1	6.70			0.45	0.30	0.90			
	Viensa Lake View Appatament Parrallel Road												
	0.00	54.50		1	54.50			7.58	0.30	123.92			
	Jakkur Double Rd												
	19th Cross Road												
	0.00	177.90		1	177.90			6.56	0.30	350.13			
	Approach Road												
	0.00	52.30		1	52.30			7.21	0.30	113.14			
	19th A Cross Road												
	0.00	138.80		1	138.80			4.56	0.30	189.67			
	Kuvempu Rd												
	Road Cut Portion												
	3rd Cross Road (Super Market Road)												
	Road Edge												
	Kuvempu Road												
	0.00	256.00	L/S	1	256.00			0.94	0.30	71.81			
	0.00	256.00	R/S	1	256.00			1.36	0.30	104.68			
	Gopalappa to Cof Board												
	Road Work												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	0.00	587.50		1	587.50			7.50	0.30	1,321.17			
	Cross Road St Antony Charch Road												
	0.00	142.50		1	142.50			6.40	0.30	273.69			
	Mandi Mariyappa Rd												
	7th Cross Road (Mandi Mariyappa Palya)												
	0.00	27.00		1	27.00			3.58	0.30	29.00			
	Road Cut Portion												
	3rd Main Road (Mandi Mariyappa Reddy Road)												
	0.00	802.80		1	802.80			4.52	0.30	1,087.39			
	Jain School Road												
	0.00	38.10		1	38.10			6.29	0.30	71.89			
	Deduct NP3 UGD Cut portion												
				-1	38.10			0.50	0.30	-5.72			
	Kempapura Main Road												
	0.00	146.00		1	144.80			5.28	0.30	764.54			
	Deduct NP3 UGD Cut portion												
				-1	144.80			0.50	0.30	-21.72			
	Road Edge Portion												
	Kempapura Main Road												
	146.00	515.00	L/S	1	369.00			0.80	0.30	88.56			
	146.00	515.00	R/S	1	369.00			0.60	0.30	66.42			
	Cut Portion												
	Kempapura Main Road												
	515.00	700.00		1	185.00			2.50	0.30	138.75			

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Cut Portion												
	Vidyanikethan School Road												
	0.00	42.00		1	42.00			2.50	0.30	31.50			
	Approach			1	7.20			2.50	0.30	5.40			
				1	2.50			2.00	0.30	1.50			
	Sindhi College Gate												
	0.00	277.00		1	277.00			1.50	0.30	124.65			
	Venkatappa Badavane 1st c/s Rd												
	0.00	70.80		1	70.80			0.30	0.30	6.37			
	Venkatappa Badavane 2nd c/s Rd												
	0.00	73.00		1	73.00			0.22	0.30	4.82			
	Venkatappa Badavane 3rd c/s Rd												
	0.00	45.00		1	45.00			0.70	0.30	9.45			
	Heera Cateres Rd (Mariyappanapalya)												
	0.00	79.00		1	79.00			6.40	0.30	151.68			
	From Shanthivana Rd end at Sardar Vallabhbhai Patel												
	0.00	401.50		1	270.00			1.50	0.30	121.50			
	UGD Cut Portion for NP3 Pipe installations												
	Jain School Road												
	0.00	38.10		1	38.10			0.60	1.50	34.29			
	Kempapura Main Road												
	0.00	558.80		1	558.80			0.60	1.50	502.92			
	Dedudct Manhole Volume												
				-26	1.20			0.60	1.50	-28.08			
								Total Quantity		**11944.00**			
									BOQ	**6408.20**			
								Upto 125%		**8010.25**	**Cum**	**176.29**	**1412126.18**
								Above 125%		**3933.76**	**Cum**	**176.29**	**693482.00**
23	KSRRB M300- Construction of Embankment with Material Gravel/ Murrum. KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305 (P.No.147, I.No.19.60 of PW,P&IWTD S.R 2016-17)												
					Item of Work Not Operated								
								Total Quantity		**0.00**	**Cum**	**342.53**	**0.00**
24	Construction of granular sub-base by providing close graded crushed stone aggregates of granite / trap / basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method. - For Grading II Materiall(P.No.155, I.No.20.4.2 of PW,P&IWTD S.R 2016-17)												
	Big Market Sahakarnagar 60ft												
	Sahakar Nagar 60ft Road (Big Market Road)												
	For bescom and ugd cut restoration												
	0.00	630.00		1	630.00	2.31	2.50	2.40	0.15	227.25			
	UGD Cut Portion for NP3 Pipe installations												
	Jain School Road												
	0.00	38.10		1	38.10			0.60	0.15	3.43			

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
		L/S	1	15.00			0.26	0.23	0.90			
		L/S	1	7.10			0.26	0.23	0.42			
		L/S	1	16.00			1.23	0.23	4.53			
		L/S	1	15.00			0.23	0.23	0.79			
		L/S	1	2.40			0.23	0.23	0.13			
	RHS											
		R/S	1	4.00			3.05	0.23	2.81			
		R/S	1	15.00			1.36	0.23	4.69			
		R/S	1	15.00			1.36	0.23	4.69			
		R/S	1	15.00			1.36	0.23	4.69			
		R/S	1	12.50			1.36	0.23	3.91			
		R/S	1	15.00			1.50	0.23	5.18			
		R/S	1	7.70			1.50	0.23	2.66			
		R/S	1	15.00			1.30	0.23	4.49			
		R/S	1	15.00			1.30	0.23	4.49			
		R/S	1	15.00			1.30	0.23	4.49			
		R/S	1	2.20			1.30	0.23	0.66			
		R/S	1	11.50			1.93	0.23	5.10			
	16th Main Road											
			1	0.20			0.30	0.23	0.01			
			1	0.70			4.40	0.23	0.71			
			1	0.20			4.60	0.23	0.21			
	Edge Lines											
	LHS											
		L/S	1	156.90			0.53	0.23	19.13			
		R/S	1	189.30			0.38	0.23	16.46			
	17th Main Road											
			1	1.00			0.80	0.23	0.18			
			1	0.30			3.40	0.23	0.23			
			1	2.90			0.40	0.23	0.27			
			1	0.30			3.60	0.23	0.25			
			1	0.40			0.40	0.23	0.04			
			1	0.20			5.20	0.23	0.24			
			1	0.30			3.80	0.23	0.26			
			1	1.20			0.30	0.23	0.08			
	Edge Lines											
		L/S	1	102.60			0.61	0.23	14.39			
		R/S	1	105.00			0.36	0.23	8.69			
	18th Main Road											
			1	0.80			0.90	0.23	0.17			
			1	5.10			0.50	0.23	0.59			
			1	5.20			0.50	0.23	0.60			
			1	2.60			2.10	0.23	1.26			
	Edge Lines											
		L/S	1	130.80			0.42	0.23	12.64			
		R/S	1	143.60			0.66	0.23	21.80			
	18th Cross Road											
			1	1.00			0.80	0.23	0.18			
			1	0.80			1.20	0.23	0.22			
			1	0.30			6.50	0.23	0.45			
			1	4.50			2.90	0.23	3.00			
	Edge Lines											

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
			1	15.00			1.36	0.23	4.69			
			1	12.50			1.36	0.23	3.91			
			1	15.00			1.50	0.23	5.18			
			1	7.70			1.50	0.23	2.66			
			1	15.00			1.30	0.23	4.49			
			1	15.00			1.30	0.23	4.49			
			1	15.00			1.30	0.23	4.49			
			1	2.20			1.30	0.23	0.66			
			1	11.50			1.93	0.23	5.10			
	16th Main Road											
			1	0.20			0.30	0.23	0.01			
			1	0.70			4.40	0.23	0.71			
			1	0.20			4.60	0.23	0.21			
	Edge Lines											
	LHS											
			1	156.90			0.53	0.23	19.13			
			1	189.30			0.38	0.23	16.46			
	17th Main Road											
			1	1.00			0.80	0.23	0.18			
			1	0.30			3.40	0.23	0.23			
			1	2.90			0.40	0.23	0.27			
			1	0.30			3.60	0.23	0.25			
			1	0.40			0.40	0.23	0.04			
			1	0.20			5.20	0.23	0.24			
			1	0.30			3.80	0.23	0.26			
			1	1.20			0.30	0.23	0.08			
	Edge Lines											
			1	102.60			0.61	0.23	14.39			
			1	105.00			0.36	0.23	8.69			
	18th Main Road											
			1	0.80			0.90	0.23	0.17			
			1	5.10			0.50	0.23	0.59			
			1	5.20			0.50	0.23	0.60			
			1	2.60			2.10	0.23	1.26			
	Edge Lines											
			1	130.80			0.42	0.23	12.64			
			1	143.60			0.66	0.23	21.80			
	18th Cross Road											
			1	1.00			0.80	0.23	0.18			
			1	0.80			1.20	0.23	0.22			
			1	0.30			6.50	0.23	0.45			
			1	4.50			2.90	0.23	3.00			
	Edge Lines											
			1	50.00			1.16	0.23	13.34			
			1	62.00			0.50	0.23	7.13			
	19th Main Road											
			1	0.80			1.20	0.23	0.22			
			1	1.50			1.00	0.23	0.35			
	Edge Lines											
			1	88.00			0.60	0.23	12.14			
			1	66.70			1.05	0.23	16.11			
	19th Cross Road											
			1	0.40			0.30	0.23	0.03			
			1	0.30			6.20	0.23	0.43			
			1	1.30			0.40	0.23	0.12			
			1	5.40			0.40	0.23	0.50			
			1	0.30			1.60	0.23	0.11			
	Edge Lines											
			1	40.30			0.28	0.23	2.61			
			1	27.10			0.56	0.23	3.48			
	19th A Cross Road											
			1	1.20			2.00	0.23	0.55			
	Edge Lines											
			1	82.40			0.57	0.23	10.88			
			1	41.10			0.28	0.23	2.67			

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Kempapura Main Road												
	0.00	558.80		1	558.80			0.60	0.15	50.29			
	Deducdt Manhole Volume												
				-26	1.20			0.60	0.15	-2.81			
								Total		278.17	Cum	1781.83	495645.59
25	KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)												
	Big Market Sahakarnagar 60ft												
	Hegde nagar												
	For bescom and ugd cut restoration												
	0.00	630.00		1	630.00			2.42	0.25	380.36			
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN												
	0.00	203.00		1	203.00			8.32	0.23	388.46			
	Bad Reaches												
				12	1.85			1.50	0.23	7.66			
				16	1.95			2.45	0.23	17.58			
				13	1.75			1.35	0.23	7.06			
				1	19.00			2.50	0.23	10.93			
	Big Market Sahakarnagar 60ft												
	Sahakaranagar												
	15th Main Road												
				1	0.40			4.55	0.23	0.42			
	Edge Lines												
	LHS												
	15.00	45.00		1	30.00			0.90	0.23	6.21			
	RHS												
	45.00	50.00		1	5.00			0.45	0.23	0.52			
	50.00	77.50		1	27.50			0.30	0.23	1.90			
	15th Cross Road												
				2	0.80			2.40	0.23	0.88			
				3	1.70			0.70	0.23	0.82			
				1	0.80			0.70	0.23	0.13			
	Edge Lines												
	LHS												
				1	80.80			1.17	0.23	21.74			
				1	75.60			1.07	0.23	18.61			
	16 th Cross Road												
	Bad Reaches												
	0.00	28.00		1	28.00			8.57	0.23	55.19			
				1	0.80			1.70	0.23	0.31			
				1	0.70			5.10	0.23	0.82			
				1	0.80			1.40	0.23	0.26			
				1	0.80			1.30	0.23	0.24			
	Edge Line												
	LHS												
				1	12.30			0.90	0.23	2.55			
				1	15.00			1.00	0.23	3.45			
				1	3.30			1.00	0.23	0.76			
				1	2.80			1.40	0.23	0.90			
				1	15.00			0.26	0.23	0.90			
				1	7.10			0.26	0.23	0.42			
				1	16.00			1.23	0.23	4.53			
				1	15.00			0.23	0.23	0.79			
				1	2.40			0.23	0.23	0.13			
	RHS												
				1	4.00			3.05	0.23	2.81			
				1	15.00			1.36	0.23	4.69			
				1	15.00			1.36	0.23	4.69			

BOQ Item No

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
			1	1.20			2.00	0.23	0.55			
			1	1.50			1.80	0.23	0.62			
			1	1.70			1.10	0.23	0.43			
	3rd Main Road											
			1	1.80			2.00	0.23	0.83			
			1	1.80			1.50	0.23	0.62			
			1	1.35			1.80	0.23	0.56			
			1	1.90			1.20	0.23	0.52			
			1	1.20			1.80	0.23	0.50			
	4th Main Road											
			1	1.50			1.80	0.23	0.62			
			1	2.00			2.20	0.23	1.01			
			1	2.30			1.80	0.23	0.95			
			1	3.00			1.95	0.23	1.35			
			1	2.00			1.75	0.23	0.81			
			1	2.20			1.70	0.23	0.86			
			1	2.30			1.50	0.23	0.79			
			1	1.80			1.20	0.23	0.50			
	5th Main Road											
			1	1.50			1.10	0.23	0.38			
			1	1.20			1.60	0.23	0.44			
			1	1.30			1.30	0.23	0.39			
			1	1.00			1.20	0.23	0.28			
			1	1.80			1.50	0.23	0.62			
			1	2.05			1.00	0.23	0.47			
			1	1.90			1.20	0.23	0.52			
			1	1.80			1.30	0.23	0.54			
	Pampa Extension Road											
	Vinayaka layout											
	1st Main Road											
			1	39.80			4.30	0.23	39.32			
	Bad Reaches											
			1	3.20			0.40	0.23	0.29			
			1	6.60			0.40	0.23	0.61			
			1	2.00			1.10	0.23	0.51			
	Edge Lines											
			1	49.70			0.25	0.23	2.86			
			1	41.70			0.30	0.23	2.88			
	1st B Cross Road											
			1	15.00			0.90	0.23	3.11			
			1	15.00			0.90	0.23	3.11			
			1	6.00			0.90	0.23	1.24			
			1	15.00			4.50	0.23	15.53			
			1	13.50			4.50	0.23	13.97			
	Edge Lines											
			1	19.40			0.20	0.23	0.89			
			1	25.40			0.40	0.23	2.34			
	2nd B Cross Road											
			1	1.10			1.20	0.23	0.30			
			1	1.00			2.20	0.23	0.51			
			1	1.00			2.90	0.23	0.67			
	Edge Lines											
	LHS											
			1	6.80			0.60	0.23	0.94			
			1	12.00			0.40	0.23	1.10			
			1	2.00			0.60	0.23	0.28			
			1	2.10			0.30	0.23	0.14			
			1	3.00			0.55	0.23	0.38			
			1	4.80			0.20	0.23	0.22			
			1	6.20			0.40	0.23	0.57			
	RHS											
			1	4.20			0.60	0.23	0.58			
			1	0.80			1.10	0.23	0.20			
			1	4.00			0.30	0.23	0.28			
			1	2.50			5.80	0.23	3.34			
			1	15.00			0.40	0.23	1.38			
			1	9.00			0.40	0.23	0.83			
	3rd Cross Road											
			1	0.40			2.20	0.23	0.20			

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
			1	0.90			2.10	0.23	0.43			
			1	1.10			0.40	0.23	0.10			
			1	0.20			5.30	0.23	0.24			
			1	0.30			2.50	0.23	0.17			
			1	0.40			5.40	0.23	0.50			
			1	4.70			4.80	0.23	5.19			
	Edge Lines											
	LHS											
			1	12.10			0.30	0.23	0.83			
			1	15.60			0.45	0.23	1.61			
	RHS											
			1	12.30			0.20	0.23	0.57			
	4th A Cross Road											
			1	0.30			2.20	0.23	0.15			
			1	1.10			1.70	0.23	0.43			
			1	0.80			1.30	0.23	0.24			
			1	0.90			4.80	0.23	0.99			
			1	0.80			0.70	0.23	0.13			
			1	0.35			2.20	0.23	0.18			
			1	13.20			6.60	0.23	20.04			
	Edge Lines											
	LHS											
			1	6.00			0.58	0.23	0.80			
			1	8.00			0.27	0.23	0.50			
			1	2.10			0.20	0.23	0.10			
			1	14.40			0.30	0.23	0.99			
	RHS											
			1	6.00			0.20	0.23	0.28			
			1	4.20			0.20	0.23	0.19			
			1	3.40			0.25	0.23	0.20			
			1	14.40			0.20	0.23	0.66			
	5th Cross Road											
	15.00 30.00		1	15.00			5.93	0.23	20.44			
	6th Cross Road											
	30.00 45.00		1	15.00			5.95	0.23	20.53			
	Kempapura											
	1st Cross Road											
	20.00 30.00		1	10.00			3.90	0.23	8.97			
	2nd Cross Road											
			1	1.15			4.80	0.23	1.27			
			1	0.20			5.00	0.23	0.23			
	Edge Lines											
	LHS											
			1	8.40			0.30	0.23	0.58			
			1	6.00			0.25	0.23	0.35			
	RHS											
			1	15.00			0.55	0.23	1.90			
			1	2.00			0.55	0.23	0.25			
	3rd Cross Road											
			1	6.00			3.40	0.23	4.69			
	Edge Lines											
	RHS											
			1	9.60			0.38	0.23	0.84			
			1	9.00			1.00	0.23	2.07			
			1	12.60			0.25	0.23	0.72			
	4th Cross Road											
			1	1.20			2.20	0.23	0.61			
			1	4.20			0.20	0.23	0.19			
	Edge Lines											
	LHS											
			1	7.80			0.30	0.23	0.54			
	RHS											
			1	9.00			0.40	0.23	0.83			
			1	13.20			0.60	0.23	1.82			
	Amruthanagara A sector											
	Road Portion											
	Bad Reaches											

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	1st Main Road											
	LHS											
			1	1.10			1.10	0.23	0.28			
			1	1.20			1.00	0.23	0.28			
			1	1.20			1.30	0.23	0.36			
			1	1.50			0.90	0.23	0.31			
			1	1.20			1.20	0.23	0.33			
			1	1.00			1.00	0.23	0.23			
			1	1.30			1.20	0.23	0.36			
			1	1.20			1.30	0.23	0.36			
			1	1.20			1.00	0.23	0.28			
			1	1.50			1.30	0.23	0.45			
			1	1.20			1.30	0.23	0.36			
			1	1.00			1.20	0.23	0.28			
			1	1.20			1.10	0.23	0.30			
			1	1.00			1.00	0.23	0.23			
			1	1.20			1.30	0.23	0.36			
	RHS											
			1	1.00			1.30	0.23	0.30			
			1	0.80			1.30	0.23	0.24			
			1	0.90			1.20	0.23	0.25			
			1	0.60			1.30	0.23	0.18			
			1	0.90			1.00	0.23	0.21			
			1	1.20			1.30	0.23	0.36			
			1	1.00			1.50	0.23	0.35			
			1	1.20			1.20	0.23	0.33			
			1	1.30			1.20	0.23	0.36			
			1	1.00			1.10	0.23	0.25			
			1	1.30			1.20	0.23	0.36			
			1	0.80			1.00	0.23	0.18			
			1	1.20			1.10	0.23	0.30			
			1	0.90			1.20	0.23	0.25			
			1	1.00			1.20	0.23	0.28			
	2nd Main Road in 1st Cross Raod											
			1	1.50			1.30	0.23	0.45			
			1	1.20			1.20	0.23	0.33			
			1	1.00			1.00	0.23	0.23			
			1	0.80			1.20	0.23	0.22			
	1st Cross Raod Block B Appartment											
			1	1.00			1.50	0.23	0.35			
	Sri Sai Sannidi Appartment Road Amruthnagar											
	Road B/W 1st cr & 2nd Cross rd											
			1	0.80			1.00	0.23	0.18			
			1	0.90			1.20	0.23	0.25			
	Road B/W 2nd Cross & 3rd Cross rd											
			1	1.20			1.10	0.23	0.30			
	Road B/W 3rd Cross & 4th Cross rd											
			1	1.10			1.30	0.23	0.33			
	Road B/W 4th Cross & 5th Cross											
			1	1.20			1.10	0.23	0.30			
	2nd Cross Road											
			1	1.00			1.20	0.23	0.28			
			1	1.20			1.20	0.23	0.33			
			1	1.30			1.20	0.23	0.36			
			1	1.00			0.90	0.23	0.21			
			1	1.30			1.20	0.23	0.36			
			1	1.50			0.90	0.23	0.31			
	3rd Cross Road											
			1	1.20			1.20	0.23	0.33			
			1	1.00			1.00	0.23	0.23			
			1	0.80			1.20	0.23	0.22			
			1	1.30			1.00	0.23	0.30			
	4th Cross Road											
			1	1.30			1.20	0.23	0.36			
			1	1.00			1.50	0.23	0.35			
			1	1.30			1.20	0.23	0.36			
			1	1.10			0.90	0.23	0.23			
			1	1.20			0.80	0.23	0.22			
			1	1.00			1.30	0.23	0.30			
	5th Cross Road											
			1	1.50			2.00	0.23	0.69			
			1	1.20			1.50	0.23	0.41			
			1	1.20			1.80	0.23	0.50			

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
				1	1.00			1.20	0.23	0.28			
				1	1.00			0.60	0.23	0.14			
	2nd B Cross Road												
	LHS												
				1	1.20			1.80	0.23	0.50			
				1	1.00			1.60	0.23	0.37			
				1	1.70			1.50	0.23	0.59			
	RHS												
				1	1.00			1.50	0.23	0.35			
				1	1.60			1.70	0.23	0.63			
				1	1.25			1.20	0.23	0.35			
	1st Main Road Beside BBMP Park												
	LHS												
				1	1.20			1.80	0.23	0.50			
				1	1.00			1.60	0.23	0.37			
				1	1.80			1.50	0.23	0.62			
	RHS												
				1	1.00			1.50	0.23	0.35			
				1	1.60			1.70	0.23	0.63			
				1	1.25			1.20	0.23	0.35			
	2nd Main Road												
				1	1.00			1.30	0.23	0.30			
				1	1.70			1.00	0.23	0.39			
				1	1.50			1.20	0.23	0.41			
	8th Cross Road												
	LHS												
				1	1.00			1.50	0.23	0.35			
				1	1.80			1.00	0.23	0.41			
				1	1.20			1.80	0.23	0.50			
	RHS												
				1	1.50			1.00	0.23	0.35			
				1	1.20			1.50	0.23	0.41			
				1	1.00			1.20	0.23	0.28			
	8th A Cross Road												
	LHS												
				1	1.00			1.20	0.23	0.28			
				1	0.80			1.00	0.23	0.18			
	Amruthanagara A sector												
	Maruthi Farm 5th cross Rd												
	0.00	87.10		1	87.10			4.78	0.23	95.76			
	Appartment Beside Road (RHS)												
	0.00	121.00		1	121.00			3.66	0.23	101.91			
	Appartment Beside Road (LHS)												
	0.00	180.00		1	180.00			5.81	0.23	240.33			
	UGD Cut Portion												
	Maruthi Farm 8th Cross Road												
	0.00	138.00		1	138.00			1.50	0.23	47.61			
	Amruthanagara A sector												
	Amruthahalli Police Staion Back side												
	1st Main Road (0-430)												
	0.00	426.00		1	426.00			8.97	0.23	879.13			
	Coffee Board Layout												
	Road Portion												
	Bad Reaches												
	5th Cross Road												
				1	1.80			2.00	0.23	0.83			
				1	1.90			2.30	0.23	1.01			
				1	1.50			1.80	0.23	0.62			
				1	2.00			1.30	0.23	0.60			
				1	2.10			1.50	0.23	0.72			
				1	2.20			1.00	0.23	0.51			
				1	1.80			1.60	0.23	0.66			
	6th Cross Road												
				1	1.30			1.20	0.23	0.36			
				1	1.20			1.00	0.23	0.28			
	7th Cross Road												
				1	1.20			1.30	0.23	0.36			
				1	1.80			1.10	0.23	0.46			
	8th Cross Road												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
				1	1.50			1.50	0.23	0.52			
				1	1.80			1.80	0.23	0.75			
				1	1.30			2.00	0.23	0.60			
				1	1.80			1.50	0.23	0.62			
				1	1.50			2.00	0.23	0.69			
				1	1.10			1.30	0.23	0.33			
	Kuvempu road(raghvendra circle to coffee board layout main road)												
				1	2.00			1.30	0.23	0.60			
				1	1.80			2.00	0.23	0.83			
				1	1.50			2.50	0.23	0.86			
				1	1.20			2.30	0.23	0.63			
				1	1.30			2.20	0.23	0.66			
				1	1.50			2.10	0.23	0.72			
				1	2.00			2.00	0.23	0.92			
				1	2.00			1.85	0.23	0.85			
				1	2.50			1.90	0.23	1.09			
				1	1.80			2.00	0.23	0.83			
				1	1.90			2.30	0.23	1.01			
				1	1.50			2.00	0.23	0.69			
				1	2.00			1.30	0.23	0.60			
				1	2.10			1.50	0.23	0.72			
				1	2.20			2.30	0.23	1.16			
				1	2.30			2.80	0.23	1.48			
				1	2.80			2.40	0.23	1.55			
				1	1.50			2.30	0.23	0.79			
				1	1.80			2.20	0.23	0.91			
				1	2.80			2.00	0.23	1.29			
				1	3.00			1.85	0.23	1.28			
				1	2.30			2.00	0.23	1.06			
				1	2.60			2.00	0.23	1.20			
	Coffe Board Zroad from green trends up to kannada flag												
				1	3.10			2.15	0.23	1.53			
				1	2.80			2.50	0.23	1.61			
				1	2.75			2.35	0.23	1.49			
				1	3.00			2.20	0.23	1.52			
				1	2.80			2.25	0.23	1.45			
				1	2.75			2.80	0.23	1.77			
				1	2.35			2.35	0.23	1.27			
				1	2.15			2.50	0.23	1.24			
				1	3.50			2.50	0.23	2.01			
				1	3.00			2.65	0.23	1.83			
	kannada flag to Main Road												
				1	1.30			2.10	0.23	0.63			
				1	2.30			2.35	0.23	1.24			
				1	2.50			2.40	0.23	1.38			
				1	2.20			2.50	0.23	1.27			
	Hoysala Layout												
	1st Cross Road												
	0.00	317.30		1	317.30			4.72	0.23	344.39			
	2nd Cross Road												
	0.00	83.50		1	83.50			3.71	0.23	71.27			
	3rd Cross Road												
	0.00	55.50		1	55.50			4.67	0.23	59.59			
	4th Cross Road												
	0.00	34.00		1	34.00			5.76	0.23	45.02			
	5th Cross Road												
	0.00	53.00		1	53.00			4.53	0.23	55.22			
	6th Cross Road												
	0.00	32.00		1	32.00			5.65	0.23	41.61			
	7th Cross Road												
	0.00	64.30		1	64.30			5.03	0.23	74.39			
	18th c/s to JNC circle												
	ORTUR Apartment Road												
	0.00	628.00		1	628.00			2.02	0.23	292.20			
	0.00	628.00		1	628.00			1.66	0.23	239.77			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	Approachs												
				1	6.00			1.35	0.23	1.86			
				1	2.20			2.70	0.23	1.37			
				1	5.50			1.80	0.23	2.28			
				1	8.10			1.90	0.23	3.54			
				1	3.80			1.80	0.23	1.57			
				1	3.90			1.30	0.23	1.17			
				1	3.50			5.00	0.23	4.03			
				1	2.10			3.30	0.23	1.59			
				1	6.70			0.45	0.23	0.69			
	Viensa Lake View Appatament Parrallel Road												
	0.00	54.50		1	54.50			7.58	0.23	95.00			
	Jakkur Double Rd												
	19th Cross Road												
	0.00	177.90		1	177.90			6.56	0.23	268.44			
	Approach Road												
	0.00	52.30		1	52.30			7.21	0.23	86.74			
	19th A Cross Road												
	0.00	138.80		1	138.80			4.56	0.23	145.41			
	Kuvempu Rd												
	Road Cut Portion												
	3rd Cross Road (Super Market Road)												
	Road Edge												
	Kuvempu Road												
	0.00	256.00		1	256.00			0.94	0.23	55.05			
	0.00	256.00		1	256.00			1.36	0.23	80.25			
	Gopalappa to Cof Board												
	Road Work												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	0.00	587.50		1	587.50			7.50	0.23	1,012.90			
	Cross Road St Antony Charch Road												
	0.00	142.50		1	142.50			6.40	0.23	209.83			
	Mandi Mariyappa Rd												
	7th Cross Road (Mandi Mariyappa Palya)												
	0.00	27.00		1	27.00			3.58	0.23	22.23			
	Road Cut Portion												
	3rd Main Road (Mandi Mariyappa Reddy Road)												
	0.00	802.80		1	802.80			4.52	0.23	833.67			
	Jain School Road												
	0.00	38.10		1	38.10			6.29	0.20	47.93			
	Deduct NP3 UGD Cut portion												
				-1.00	38.10			0.50	0.20	-3.81			
	Kempapura Main Road												
	0.00	146.00		1	144.80			5.28	0.20	152.91			
	Deduct NP3 UGD Cut portion												
				-1.00	144.80			0.50	0.20	-14.48			
	UGD Cut Portion for NP3 Pipe installations												
	Jain School Road												
	0.00	38.10		1	38.10			0.60	0.23	5.26			
	Kempapura Main Road												
	0.00	558.80		1	558.80			0.60	0.23	77.11			
	Dedudct Manhole Volume												
				-26	1.20			0.60	0.23	-4.31			
	Road Edge Portion												
	Kempapura Main Road												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	146.00	515.00	L/S	1	369.00			0.80	0.20	59.04			
	146.00	515.00	R/S	1	369.00			0.60	0.20	44.28			
	Cut Portion												
	Kempapura Main Road												
	515.00	700.00		1	185.00			2.50	0.20	92.50			
	Cut Portion												
	Vidyanikethan School Road												
	0.00	42.00		1.00	42.00			2.50	0.20	21.00			
	Approach			1	7.20			2.50	0.20	3.60			
				1	2.50			2.00	0.20	1.00			
	Sindhi College Gate												
	0.00	277.00		1	277.00			1.50	0.20	83.10			
	Venkatappa Badavane 1st c/s Rd												
	0.00	70.80		1.00	70.80			0.30	0.20	4.25			
	Venkatappa Badavane 2nd c/s Rd												
	0.00	73.00		1	73.00			0.22	0.20	3.21			
	Venkatappa Badavane 3rd c/s Rd												
	0.00	45.00		1	45.00			0.70	0.20	6.30			
	Heera Cateres Rd (Mariyappanapalya)												
	0.00	79.00		1	79.00			6.40	0.20	101.12			
	From Shanthivana Rd end at Sardar Vallabhbhai Patel												
	0.00	401.50		1	270.00			1.50	0.20	81.00			
								Total		**9001.31**			
									BOQ	**5302.07**			
								Upto 125%		**6627.59**	**Cum**	**1891.85**	**12538404.72**
								Above 125%		**2373.72**	**Cum**	**1891.85**	**4490721.45**
26	KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)												
	Big Market Sahakarnagar 60ft												
	Hegde nagar												
	For bescom and ugd cut restoration												
	0.00	630.00		1	630.00			2.42		1521.45			
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN												
	0.00	203.00		1	203.00			8.32		1688.96			
	Bad Reaches												
				12	1.85			1.50		33.30			
				16	1.95			2.45		76.44			
				13	1.75			1.35		30.71			
				1	19.00			2.50		47.50			
	Big Market Sahakarnagar 60ft												
	Sahakaranagar												
	15th Main Road												
				1	0.40			4.55		1.82			
	Edge Lines												
	LHS												
	15.00	45.00		1	30.00			0.90		27.00			
	RHS												
	45.00	50.00		1	5.00			0.45		2.25			
	50.00	77.50		1	27.50			0.30		8.25			

Modified Estimate

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	15th Cross Road												
				2	0.80			2.40		3.84			
				3	1.70			0.70		3.57			
				1	0.80			0.70		0.56			
	Edge Lines												
	LHS												
	0.00	0.00		1	80.80			1.17		94.54			
	0.00	0.00		1	75.60			1.07		80.89			
	16 th Cross Road												
	Bad Reaches												
	0.00	28.00		1	28.00			8.57		239.96			
				1	0.80			1.70		1.36			
				1	0.70			5.10		3.57			
				1	0.80			1.40		1.12			
				1	0.80			1.30		1.04			
	Edge Line												
	LHS												
				1	12.30			0.90		11.07			
				1	15.00			1.00		15.00			
				1	3.30			1.00		3.30			
				1	2.80			1.40		3.92			
				1	15.00			0.26		3.90			
				1	7.10			0.26		1.85			
				1	16.00			1.23		19.68			
				1	15.00			0.23		3.45			
				1	2.40			0.23		0.55			
	RHS												
				1	4.00			3.05		12.20			
				1	15.00			1.36		20.40			
				1	15.00			1.36		20.40			
				1	15.00			1.36		20.40			
				1	12.50			1.36		17.00			
				1	15.00			1.50		22.50			
				1	7.70			1.50		11.55			
				1	15.00			1.30		19.50			
				1	15.00			1.30		19.50			
				1	15.00			1.30		19.50			
				1	2.20			1.30		2.86			
				1	11.50			1.93		22.20			
	16th Main Road												
				1	0.20			0.30		0.06			
				1	0.70			4.40		3.08			
				1	0.20			4.60		0.92			
	Edge Lines												
	LHS												
				1	156.90			0.53		83.16			
				1	189.30			0.38		71.56			
	17th Main Road												
				1	1.00			0.80		0.80			
				1	0.30			3.40		1.02			
				1	2.90			0.40		1.16			
				1	0.30			3.60		1.08			
				1	0.40			0.40		0.16			
				1	0.20			5.20		1.04			
				1	0.30			3.80		1.14			
				1	1.20			0.30		0.36			
	Edge Lines												
				1	102.60			0.61		62.59			
				1	105.00			0.36		37.80			
	18th Main Road												
				1	0.80			0.90		0.72			
				1	5.10			0.50		2.55			
				1	5.20			0.50		2.60			
				1	2.60			2.10		5.46			
	Edge Lines												
				1	130.80			0.42		54.94			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
				1	143.60			0.66		94.78			
	18th Cross Road												
				1	1.00			0.80		0.80			
				1	0.80			1.20		0.96			
				1	0.30			6.50		1.95			
				1	4.50			2.90		13.05			
	Edge Lines												
				1	50.00			1.16		58.00			
				1	62.00			0.50		31.00			
	19th Main Road												
				1	0.80			1.20		0.96			
				1	1.50			1.00		1.50			
	Edge Lines												
				1	88.00			0.60		52.80			
				1	66.70			1.05		70.04			
	19th Cross Road												
				1	0.40			0.30		0.12			
				1	0.30			6.20		1.86			
				1	1.30			0.40		0.52			
				1	5.40			0.40		2.16			
				1	0.30			1.60		0.48			
	Edge Lines												
				1	40.30			0.28		11.36			
				1	27.10			0.56		15.15			
	19th A Cross Road												
				1	1.20			2.00		2.40			
	Edge Lines												
				1	82.40			0.57		47.30			
				1	41.10			0.28		11.59			
	20th Main Road (bescom)												
	0.00	74.00		1	74.00			4.83		357.05			
	21st Main Road												
				1	0.30			7.00		2.10			
	20th Cross Road												
				1	0.20			8.50		1.70			
				1	0.30			9.00		2.70			
				1	0.25			10.60		2.65			
	Edge Lines												
	0.00	85.50		1	85.50			1.00		85.50			
	Happy Childhood Road												
				1	4.00			1.50		6.00			
				1	0.30			5.60		1.68			
	Edge Lines												
	0.00	95.20		1	95.20			1.43		136.14			
	0.00	95.20		1	95.20			1.42		135.37			
	Ayyappa Swamy Temple Road												
	5th Cross Road												
	0.00	0.00		1	31.00			5.83		180.85			
	Cubic Apartment												
	1st Main Road												
	0.00	177.00		1	177.00			10.33		1828.41			
	Connecting Road From 1st Mn to 2nd Main Road												
	0.00	26.40		1	26.40			7.70		203.28			
	2nd Main Road												
	0.00	209.20		1	209.20			9.58		2003.09			
	1st Cross Road												
	0.00	46.30		1	46.30			6.52		301.64			
	Cubic Apartment												
	2nd Cross Road												
	0.00	44.90		1	44.90			5.48		246.19			
	3rd Cross Road												
	0.00	44.60		1	44.60			5.60		249.76			

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	4th Cross Road												
	0.00	44.00		1	44.00			4.36		191.93			
	Pampa Extension Road												
	Road Portion												
	Bad Reaches												
	Pampa Extension												
	1st Cross Road												
				1	1.80			1.50		2.70			
				1	1.50			1.40		2.10			
	2nd Cross Road												
				1	1.30			1.50		1.95			
	3rd Cross Road												
				1	1.50			1.00		1.50			
	4th Cross Road												
				1	1.50			1.30		1.95			
				1	1.10			1.20		1.32			
				1	1.50			1.10		1.65			
	9th Cross Road												
				1	2.00			1.30		2.60			
				1	1.20			1.20		1.44			
				1	1.00			1.10		1.10			
				1	1.30			1.20		1.56			
	11th Cross Road												
				1	1.80			1.70		3.06			
				1	1.50			1.25		1.88			
				1	1.15			1.30		1.50			
	12th Cross Road												
				1	1.30			1.00		1.30			
				1	2.00			1.30		2.60			
				1	1.50			1.80		2.70			
				1	1.90			1.30		2.47			
	2nd Main Road												
				1	1.20			2.00		2.40			
				1	1.50			1.80		2.70			
				1	1.70			1.10		1.87			
	3rd Main Road												
				1	1.80			2.00		3.60			
				1	1.80			1.50		2.70			
				1	1.35			1.80		2.43			
				1	1.90			1.20		2.28			
				1	1.20			1.80		2.16			
	4th Main Road												
				1	1.50			1.80		2.70			
				1	2.00			2.20		4.40			
				1	2.30			1.80		4.14			
				1	3.00			1.95		5.85			
				1	2.00			1.75		3.50			
				1	2.20			1.70		3.74			
				1	2.30			1.50		3.45			
				1	1.80			1.20		2.16			
	5th Main Road												
				1	1.50			1.10		1.65			
				1	1.20			1.60		1.92			
				1	1.30			1.30		1.69			
				1	1.00			1.20		1.20			
				1	1.80			1.50		2.70			
				1	2.05			1.00		2.05			
				1	1.90			1.20		2.28			
				1	1.80			1.30		2.34			
	Pampa Extension Road												
	Vinayaka layout												
	1st Main Road												
				1	39.80			4.30		170.94			
	Bad Reaches												
				1	3.20			0.40		1.28			
				1	6.60			0.40		2.64			
				1	2.00			1.10		2.20			
	Edge Lines												
				1	49.70			0.25		12.43			
				1	41.70			0.30		12.51			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	1st B Cross Road												
				1	15.00			0.90		13.50			
				1	15.00			0.90		13.50			
				1	6.00			0.90		5.40			
				1	15.00			4.50		67.50			
				1	13.50			4.50		60.75			
	Edge Lines												
				1	19.40			0.20		3.88			
				1	25.40			0.40		10.16			
	2nd B Cross Road												
				1	1.10			1.20		1.32			
				1	1.00			2.20		2.20			
				1	1.00			2.90		2.90			
	Edge Lines												
	LHS												
				1	6.80			0.60		4.08			
				1	12.00			0.40		4.80			
				1	2.00			0.60		1.20			
				1	2.10			0.30		0.63			
				1	3.00			0.55		1.65			
				1	4.80			0.20		0.96			
				1	6.20			0.40		2.48			
	RHS												
				1	4.20			0.60		2.52			
				1	0.80			1.10		0.88			
				1	4.00			0.30		1.20			
				1	2.50			5.80		14.50			
				1	15.00			0.40		6.00			
				1	9.00			0.40		3.60			
	3rd Cross Road												
				1	0.40			2.20		0.88			
				1	0.90			2.10		1.89			
				1	1.10			0.40		0.44			
				1	0.20			5.30		1.06			
				1	0.30			2.50		0.75			
				1	0.40			5.40		2.16			
				1	4.70			4.80		22.56			
	Edge Lines												
	LHS												
				1	12.10			0.30		3.63			
				1	15.60			0.45		7.02			
	RHS												
				1	12.30			0.20		2.46			
	4th A Cross Road												
				1	0.30			2.20		0.66			
				1	1.10			1.70		1.87			
				1	0.80			1.30		1.04			
				1	0.90			4.80		4.32			
				1	0.80			0.70		0.56			
				1	0.35			2.20		0.77			
				1	13.20			6.60		87.12			
	Edge Lines												
	LHS												
				1	6.00			0.58		3.48			
				1	8.00			0.27		2.16			
				1	2.10			0.20		0.42			
				1	14.40			0.30		4.32			
	RHS												
				1	6.00			0.20		1.20			
				1	4.20			0.20		0.84			
				1	3.40			0.25		0.85			
				1	14.40			0.20		2.88			
	5th Cross Road												
	15.00	30.00		1	15.00			5.93		88.88			
	6th Cross Road												
	30.00	45.00		1	15.00			5.95		89.25			
	Kempapura												
	1st Cross Road												
	20.00	30.00		1	10.00			3.90		39.00			

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	2nd Cross Road											
			1	1.15			4.80		5.52			
			1	0.20			5.00		1.00			
	Edge Lines											
	LHS											
			1	8.40			0.30		2.52			
			1	6.00			0.25		1.50			
	RHS											
			1	15.00			0.55		8.25			
			1	2.00			0.55		1.10			
	3rd Cross Road											
			1	6.00			3.40		20.40			
	Edge Lines											
	RHS											
			1	9.60			0.38		3.65			
			1	9.00			1.00		9.00			
			1	12.60			0.25		3.15			
	4th Cross Road											
			1	1.20			2.20		2.64			
			1	4.20			0.20		0.84			
	Edge Lines											
	LHS											
			1	7.80			0.30		2.34			
	RHS											
			1	9.00			0.40		3.60			
			1	13.20			0.60		7.92			
	Amruthanagara A sector											
	Road Portion											
	Bad Reaches											
	1st Main Road											
	LHS											
			1	1.10			1.10		1.21			
			1	1.20			1.00		1.20			
			1	1.20			1.30		1.56			
			1	1.50			0.90		1.35			
			1	1.20			1.20		1.44			
			1	1.00			1.00		1.00			
			1	1.30			1.20		1.56			
			1	1.20			1.30		1.56			
			1	1.20			1.00		1.20			
			1	1.50			1.30		1.95			
			1	1.20			1.30		1.56			
			1	1.00			1.20		1.20			
			1	1.20			1.10		1.32			
			1	1.00			1.00		1.00			
			1	1.20			1.30		1.56			
	RHS											
			1	1.00			1.30		1.30			
			1	0.80			1.30		1.04			
			1	0.90			1.20		1.08			
			1	0.60			1.30		0.78			
			1	0.90			1.00		0.90			
			1	1.20			1.30		1.56			
			1	1.00			1.50		1.50			
			1	1.20			1.20		1.44			
			1	1.30			1.20		1.56			
			1	1.00			1.10		1.10			
			1	1.30			1.20		1.56			
			1	0.80			1.00		0.80			
			1	1.20			1.10		1.32			
			1	0.90			1.20		1.08			
			1	1.00			1.20		1.20			
	2nd Main Road in 1st Cross Raod											
			1	1.50			1.30		1.95			
			1	1.20			1.20		1.44			
			1	1.00			1.00		1.00			
			1	0.80			1.20		0.96			
	1st Cross Raod Block B Appartment											
			1	1.00			1.50		1.50			
	Sri Sai Sannidi Appartment Road Amruthnagar											

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Road B/W 1st cr & 2nd Cross rd											
			1	0.80			1.00		0.80			
			1	0.90			1.20		1.08			
	Road B/W 2nd Cross & 3rd Cross rd											
			1	1.20			1.10		1.32			
	Road B/W 3rd Cross & 4th Cross rd											
			1	1.10			1.30		1.43			
	Road B/W 4th Cross & 5th Cross											
			1	1.20			1.10		1.32			
	2nd Cross Road											
			1	1.00			1.20		1.20			
			1	1.20			1.20		1.44			
			1	1.30			1.20		1.56			
			1	1.00			0.90		0.90			
			1	1.30			1.20		1.56			
			1	1.50			0.90		1.35			
	3rd Cross Road											
			1	1.20			1.20		1.44			
			1	1.00			1.00		1.00			
			1	0.80			1.20		0.96			
			1	1.30			1.00		1.30			
	4th Cross Road											
			1	1.30			1.20		1.56			
			1	1.00			1.50		1.50			
			1	1.30			1.20		1.56			
			1	1.10			0.90		0.99			
			1	1.20			0.80		0.96			
			1	1.00			1.30		1.30			
	5th Cross Road											
			1	1.50			2.00		3.00			
			1	1.20			1.50		1.80			
			1	1.20			1.80		2.16			
			1	1.00			1.20		1.20			
			1	1.00			0.60		0.60			
	2nd B Cross Road											
	LHS											
			1	1.20			1.80		2.16			
			1	1.00			1.60		1.60			
			1	1.70			1.50		2.55			
	RHS											
			1	1.00			1.50		1.50			
			1	1.60			1.70		2.72			
			1	1.25			1.20		1.50			
	1st Main Road Beside BBMP Park											
	LHS											
			1	1.20			1.80		2.16			
			1	1.00			1.60		1.60			
			1	1.80			1.50		2.70			
	RHS											
			1	1.00			1.50		1.50			
			1	1.60			1.70		2.72			
			1	1.25			1.20		1.50			
	2nd Main Road											
			1	1.00			1.30		1.30			
			1	1.70			1.00		1.70			
			1	1.50			1.20		1.80			
	8th Cross Road											
	LHS											
			1	1.00			1.50		1.50			
			1	1.80			1.00		1.80			
			1	1.20			1.80		2.16			
	RHS											
			1	1.50			1.00		1.50			
			1	1.20			1.50		1.80			
			1	1.00			1.20		1.20			
	8th A Cross Road											
	LHS											
			1	1.00			1.20		1.20			
			1	0.80			1.00		0.80			
	Amruthanagara A sector											
	Maruthi Farm 5th cross Rd											
	0.00 87.10		1	87.10			4.78		416.34			

Modified Estimate

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	Appartment Beside Road (RHS)												
	0.00	121.00		1	121.00			3.66		443.10			
	Appartment Beside Road (LHS)												
	0.00	180.00		1	180.00			5.81		1044.90			
	UGD Cut Portion												
	Maruthi Farm 8th Cross Road												
	0.00	138.00		1	138.00			1.50		207.00			
	Coffee Board Layout												
	Road Portion												
	Bad Reaches												
	5th Cross Road												
				1	1.80			2.00		3.60			
				1	1.90			2.30		4.37			
				1	1.50			1.80		2.70			
				1	2.00			1.30		2.60			
				1	2.10			1.50		3.15			
				1	2.20			1.00		2.20			
				1	1.80			1.60		2.88			
	6th Cross Road												
				1	1.30			1.20		1.56			
				1	1.20			1.00		1.20			
	7th Cross Road												
				1	1.20			1.30		1.56			
				1	1.80			1.10		1.98			
	8th Cross Road												
				1	1.50			1.50		2.25			
				1	1.80			1.80		3.24			
				1	1.30			2.00		2.60			
				1	1.80			1.50		2.70			
				1	1.50			2.00		3.00			
				1	1.10			1.30		1.43			
	Kuvempu road(raghvendra circle to coffee board layout main road)												
				1	2.00			1.30		2.60			
				1	1.80			2.00		3.60			
				1	1.50			2.50		3.75			
				1	1.20			2.30		2.76			
				1	1.30			2.20		2.86			
				1	1.50			2.10		3.15			
				1	2.00			2.00		4.00			
				1	2.00			1.85		3.70			
				1	2.50			1.90		4.75			
				1	1.80			2.00		3.60			
				1	1.90			2.30		4.37			
				1	1.50			2.00		3.00			
				1	2.00			1.30		2.60			
				1	2.10			1.50		3.15			
				1	2.20			2.30		5.06			
				1	2.30			2.80		6.44			
				1	2.80			2.40		6.72			
				1	1.50			2.30		3.45			
				1	1.80			2.20		3.96			
				1	2.80			2.00		5.60			
				1	3.00			1.85		5.55			
				1	2.30			2.00		4.60			
				1	2.60			2.00		5.20			
	Coffe Board Zroad from green trends up to kannada flag												
				1	3.10			2.15		6.67			
				1	2.80			2.50		7.00			
				1	2.75			2.35		6.46			
				1	3.00			2.20		6.60			
				1	2.80			2.25		6.30			
				1	2.75			2.80		7.70			
				1	2.35			2.35		5.52			
				1	2.15			2.50		5.38			
				1	3.50			2.50		8.75			
				1	3.00			2.65		7.95			
	kannada flag to Main Road												
				1	1.30			2.10		2.73			
				1	2.30			2.35		5.41			
				1	2.50			2.40		6.00			
				1	2.20			2.50		5.50			

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Hoysala Layout												
	1st Cross Road												
	0.00	317.30		1	317.30			4.72		1497.34			
	2nd Cross Road												
	0.00	83.50		1	83.50			3.71		309.87			
	3rd Cross Road												
	0.00	55.50		1	55.50			4.67		259.07			
	4th Cross Road												
	0.00	34.00		1	34.00			5.76		195.74			
	5th Cross Road												
	0.00	53.00		1	53.00			4.53		240.09			
	6th Cross Road												
	0.00	32.00		1	32.00			5.65		180.90			
	7th Cross Road												
	0.00	64.30		1	64.30			5.03		323.43			
	18th c/s to JNC circle												
	ORTUR Apartment Road												
	0.00	628.00		1	628.00			2.02		1270.44			
	0.00	628.00		1	628.00			1.66		1042.48			
	Approachs												
				1	6.00			1.35		8.10			
				1	2.20			2.70		5.94			
				1	5.50			1.80		9.90			
				1	8.10			1.90		15.39			
				1	3.80			1.80		6.84			
				1	3.90			1.30		5.07			
				1	3.50			5.00		17.50			
				1	2.10			3.30		6.93			
				1	6.70			0.45		3.02			
	Viensa Lake View Appatament Parrallel Road												
	0.00	54.50		1	54.50			7.58		413.06			
	Jakkur Double Rd												
	19th Cross Road												
	0.00	177.90		1	177.90			6.56		1167.11			
	Approach Road												
	0.00	52.30		1	52.30			7.21		377.14			
	19th A Cross Road												
	0.00	138.80		1	138.80			4.56		632.23			
	Kuvempu Rd												
	Road Cut Portion												
	3rd Cross Road (Super Market Road)												
	Road Edge												
	Kuvempu Road												
	0.00	256.00		1	256.00			0.94		239.36			
	0.00	256.00		1	256.00			1.36		348.93			
	Gopalappa to Cof Board												
	Road Work												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	0.00	587.50		1	587.50			7.50		4403.90			
	Cross Road St Antony Charch Road												
	0.00	142.50		1	142.50			6.40		912.29			
	Mandi Mariyappa Rd												
	7th Cross Road (Mandi Mariyappa Palya)												
	0.00	27.00		1	27.00			3.58		96.66			
	Road Cut Portion												

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	3rd Main Road (Mandi Mariyappa Reddy Road)												
	0.00	802.80		1	802.80			4.52		3624.64			
	Jain School Road												
	0.00	38.10		1	38.10			6.29		239.65			
	Deduct NP3 UGD Cut portion												
				-1	38.10			0.50		-19.05			
	Kempapura Main Road												
	0.00	146.00		1	144.80			5.28		764.54			
	Deduct NP3 UGD Cut portion												
				-1	144.80			0.50		-72.40			
	UGD Cut Portion for NP3 Pipe installations												
	Jain School Road												
	0.00	38.10		1	38.10			0.60		22.86			
	Kempapura Main Road												
	0.00	558.80		1	558.80			0.60		335.28			
	Dedudct Manhole Volume												
				-26	1.20			0.60		-18.72			
	Road Edge Portion												
	Kempapura Main Road												
	146.00	515.00	L/S	1	369.00			0.80		295.20			
	146.00	515.00	R/S	1	369.00			0.60		221.40			
	Cut Portion												
	Kempapura Main Road												
	515.00	700.00		1	185.00			2.50		462.50			
	Cut Portion												
	Vidyanikethan School Road												
	0.00	42.00		1	42.00			2.50		105.00			
	Approach			1	7.20			2.50		18.00			
				1	2.50			2.00		5.00			
	Sindhi College Gate												
	0.00	277.00		1	277.00			1.50		415.50			
	Venkatappa Badavane 1st c/s Rd												
	0.00	70.80		1	70.80			0.30		21.24			
	Venkatappa Badavane 2nd c/s Rd												
	0.00	73.00		1	73.00			0.22		16.06			
	Venkatappa Badavane 3rd c/s Rd												
	0.00	45.00		1	45.00			0.70		31.50			
	Heera Cateres Rd (Mariyappanapalya)												
	0.00	79.00		1	79.00			6.40		505.60			
	From Shanthivana Rd end at Sardar Vallabhbhai Patel												
	0.00	401.50		1	270.00			1.50		405.00			
								Total		35626.94			
									BOQ	22350.08			
									Upto 125%	27937.60	Sqm	29.49	823879.82
									Above 125%	7689.34	Sqm	29.49	226758.69
27	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatement including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH Spec. Chapter 5 (P.No.161, I.No.21.2 of PW,P&IWTD SR 2016-17)												
	Big Market Sahakarnagar 60ft												

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Sahakar Nagar 60ft Road (Big Market Road)												
	0.00	810.00		1	810.00			12.53		10146.87			
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN												
	0.00	203.00		1	203.00			8.32		1688.96			
	SAHAKARNAGAR 3RD MAIN G Block												
	0.00	135.00		1	135.00			5.84		788.27			
	Deduct Prime Coat (For UGD Cut Portion)									-3398.36			
	Big Market Sahakarnagar 60ft												
	15th Main Road												
	0.00	77.50		1	77.50			4.86		376.65			
	15th Cross Road												
	0.00	217.50		1	217.50			6.69		1454.42			
	16th Cross Road												
	0.00	193.20		1	193.20			8.09		1563.57			
	16th main Road												
	0.00	214.50		1	214.50			7.02		1505.15			
	17th Main Road												
	0.00	198.00		1	198.00			4.86		962.68			
	18th Main Road												
	0.00	151.10		1	151.10			7.41		1118.97			
	18th Cross Road												
	0.00	137.60		1	137.60			7.50		1031.59			
	19th main Road												
	0.00	148.00		1	148.00			7.11		1052.28			
	19th Cross Road												
	0.00	110.00		1	110.00			7.37		810.92			
	19th A Cross Road												
	0.00	94.70		1	94.70			7.55		714.51			
	20th main Road												
	0.00	78.50		1	78.50			4.89		384.10			
	20th Cross Road												
	0.00	85.50		1	85.50			9.39		803.19			
	21st Main Road												
	0.00	43.60		1	43.60			6.90		300.62			
	Happy Childhood Road												
	0.00	86.00		1	86.00			5.61		482.46			
	Deductions of Prime Coat							Qty vide item		-2403.19			
	Pampa Extension Road												
	Pampa												
	1st Cross												
	0.00	39.90		1	39.90			4.63		184.54			
	2nd												
	0.00	29.80		1	29.80			4.95		147.51			
	3rd Cross												
	0.00	24.10		1	24.10			4.00		96.40			
	4th Cross												
	0.00	66.00		1	66.00			5.28		348.61			
	9th Cross												
	0.00	92.70		1	92.70			5.37		497.80			
	11th												
	0.00	69.50		1	69.50			5.91		410.54			
	12th												
	0.00	126.10		1	126.10			5.51		694.31			
	2nd Main												
	0.00	68.60		1	68.60			3.25		222.95			
	3rd Main												
	0.00	131.60		1	131.60			3.63		477.58			
	4th Main												
	0.00	236.70		1	236.70			5.08		1203.15			
	5th Main												
	0.00	241.10		1	241.10			4.49		1082.30			
	2nd Main												
	0.00	99.20		1	99.20			5.13		509.19			
	1st C												
	0.00	10.80		1	10.80			5.10		55.08			
	1st B												
	0.00	35.10		1	35.10			3.41		119.66			
	1st A												
	0.00	35.10		1	35.10			3.74		131.27			
								Deduct Prime Coat		-101.28			

Modified Estimate

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	20th Main Road (bescom)												
	0.00	74.00		1	74.00			4.83	0.23	82.12			
	21st Main Road												
				1	0.30			7.00	0.23	0.48			
	20th Cross Road												
				1	0.20			8.50	0.23	0.39			
				1	0.30			9.00	0.23	0.62			
				1	0.25			10.60	0.23	0.61			
	Edge Lines												
	0.00	85.50		1	85.50			1.00	0.23	19.67			
	Happy Childhood Road												
				1	4.00			1.50	0.23	1.38			
				1	0.30			5.60	0.23	0.39			
	Edge Lines												
	0.00	95.20		1	95.20			1.43	0.23	31.31			
	0.00	95.20		1	95.20			1.42	0.23	31.14			
	Ayyappa Swamy Temple Road												
	5th Cross Road												
				1	31.00			5.83	0.23	41.60			
	Cubic Apartment												
	1st Main Road												
	0.00	177.00		1	177.00			10.33	0.23	420.53			
	Connecting Road From 1st Mn to 2nd Main Road												
	0.00	26.40		1	26.40			7.70	0.23	46.75			
	2nd Main Road												
	0.00	209.20		1	209.20			9.58	0.23	460.71			
	1st Cross Road												
	0.00	46.30		1	46.30			6.52	0.23	69.38			
	Cubic Apartment												
	2nd Cross Road												
	0.00	44.90		1	44.90			5.48	0.23	56.62			
	3rd Cross Road												
	0.00	44.60		1	44.60			5.60	0.23	57.44			
	4th Cross Road												
	0.00	44.00		1	44.00			4.36	0.23	44.14			
	Pampa Extension Road												
	Road Portion												
	Bad Reaches												
	Pampa Extension												
	1st Cross Road												
				1	1.80			1.50	0.23	0.62			
				1	1.50			1.40	0.23	0.48			
	2nd Cross Road												
				1	1.30			1.50	0.23	0.45			
	3rd Cross Road												
				1	1.50			1.00	0.23	0.35			
	4th Cross Road												
				1	1.50			1.30	0.23	0.45			
				1	1.10			1.20	0.23	0.30			
				1	1.50			1.10	0.23	0.38			
	9th Cross Road												
				1	2.00			1.30	0.23	0.60			
				1	1.20			1.20	0.23	0.33			
				1	1.00			1.10	0.23	0.25			
				1	1.30			1.20	0.23	0.36			
	11th Cross Road												
				1	1.80			1.70	0.23	0.70			
				1	1.50			1.25	0.23	0.43			
				1	1.15			1.30	0.23	0.34			
	12th Cross Road												
				1	1.30			1.00	0.23	0.30			
				1	2.00			1.30	0.23	0.60			
				1	1.50			1.80	0.23	0.62			
				1	1.90			1.30	0.23	0.57			
	2nd Main Road												

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	1st Cross rd (2nd Main Rd)												
	0.00	48.70		1	48.70			4.68		227.77			
	3rd Cross rd (2nd Main Rd)												
	0.00	120.00		1	120.00			5.74		688.56			
	4th Cross rd (2nd Main Rd- 1st Main rd)												
	0.00	109.30		1	109.30			5.75		628.15			
	5th Cross rd (2nd Main Rd- 1st Main rd)												
	0.00	104.30		1	104.30			6.03		628.93			
	5th Cross rd in Cross Rd 1												
	0.00	25.00		1	25.00			4.25		106.25			
	5th Cross rd in Cross Rd 2												
	0.00	55.00		1	55.00			6.81		374.55			
	6th Cross rd (2nd Main Rd)												
	0.00	39.80		1	39.80			4.31		171.54			
	7th Cross rd (2nd Main Rd)												
	0.00	40.30		1	40.30			5.58		224.87			
	1st Cross rd Maruthi Farm												
	0.00	25.90		1.00	25.90			4.25		110.08			
	2nd Cross rd Maruthi Farm												
	0.00	32.50		1.00	32.50			4.80		156.00			
	3rd Cross rd Maruthi Farm												
	0.00	38.50		1	38.50			4.22		162.39			
	4th Cross rd Maruthi Farm												
	0.00	44.30		1	44.30			4.49		199.00			
	Muniramayya Layout												
	0.00	48.00		1	48.00			3.26		156.62			
	5th A cross Road												
	0.00	62.70		1	62.70			5.30		332.25			
	7th cross Road 1st Main rd												
	0.00	60.50		1	60.50			6.23		376.79			
	7th A cross Road 1st Main rd												
	0.00	34.70		1	34.70			5.82		201.95			
	6th cross Road 1st Main rd												
	0.00	83.20		1	83.20			5.62		467.58			
	1st cross Road C Sector												
	0.00	52.90		1	52.90			6.30		333.01			
						Deduct Prime Coat				-2233.34			
	Talakaveri Layout												
	5th Cross Road												
	0.00	120.00		1	120.00			8.54		1024.80			
	6th Cross Road												
	0.00	191.00		1	191.00			7.97		1522.84			
	6th A Cross Road												
	0.00	138.20		1	138.20			6.40		884.34			
	7th A Cross Road												
	0.00	149.60		1	149.60			8.62		1289.70			
	7th Cross Road												
	0.00	222.10		1	222.10			7.34		1630.21			
	2nd A Main Road												
	0.00	90.10		1	90.10			6.23		561.68			
	3rd Main Road												
	0.00	270.00		1	270.00			7.95		2145.15			
	Coffe Board Layout												
	5th Cross Road												
	0.00	179.00		1	179.00			5.07		908.07			
	6th Cross Road												
	0.00	39.80		1	39.80			5.67		225.67			
	7th Cross Road												
	0.00	50.00		1	50.00			5.63		281.50			
	8th Cross Road												
	0.00	145.00		1	145.00			6.19		896.97			
	Kuvempu road(raghvendra circle to coffee board layout main road)												
	0.00	670.20		1	670.20			7.48		5015.11			
	Coffe Board Zroad from green trends up to kannada flag												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	Connected to 1st c/s Venkatappa Badavane												
	0.00	36.70		1	36.70			3.80		139.46			
	Venkatappa Badavane 2nd c/s Rd												
	0.00	73.00		1	73.00			3.30		240.90			
	Venkatappa Badavane 3rd c/s Rd												
	0.00	45.00		1	45.00			3.40		153.00			
	MLA CB Krishne Byeregowda House Rd												
	0.00	286.00		1	282.90			7.80		2,206.62			
	From Shanthivana Rd end at Sardar Vallabhbhai Patel												
	0.00	401.50		1	401.50			9.10		3,653.65			
	Connecting Rd from Shanthivana Rd to CB Krishna Byeregowda												
	0.00	130.20		1	127.20			9.00		1,144.80			
						Deduction of Prime Coat (-)							
					Kempapura Main Road					-2841.42			
								Total Quantity		90552.09	Sqm	3.4	307877.11
28	KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)												
	Big Market Sahakarnagar 60ft												
	Sahakar Nagar 60ft Road (Big Market Road)												
	0.00	810.00		1	810.00			12.53		10146.87			
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN												
	0.00	203.00		1.00	203.00			8.32		1688.96			
	SAHAKARNAGAR 3RD MAIN G Block												
	0.00	135.00		1.00	135.00			5.84		788.27			
	Big Market Sahakarnagar 60ft												
	Sahakaranagar												
	15th Main Road												
				1	0.40			4.55		1.82			
	Edge Lines												
	LHS												
	15.00	45.00		1	30.00			0.90		27.00			
	15th Cross Road												
				2	0.80			2.40		3.84			
				3	1.70			0.70		3.57			
				1	0.80			0.70		0.56			
	Edge Lines												
	LHS												
				1	65.80			1.22		80.14			
				1	0.50			1.15		0.58			
	16 th Cross Road												
	Bad Reaches												
	0.00	28.00		1	28.00			8.57		239.96			
	16th Main Road												
				1	0.20			0.30		0.06			
				1	0.70			4.40		3.08			
				1	0.20			4.60		0.92			
	Edge Lines												
	LHS												
			L/S	1	15.00			0.40		6.00			
			L/S	1	14.20			0.40		5.68			

Modified Estimate

BOQ Item No	Description Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
		L/S	1	15.00			0.35		5.25			
		L/S	1	15.00			0.35		5.25			
		L/S	1	15.00			0.55		8.25			
		L/S	1	15.00			0.55		8.25			
		L/S	1	15.00			0.85		12.75			
		L/S	1	15.00			0.85		12.75			
	RHS											
		R/S	1	15.00			0.45		6.75			
		R/S	1	14.20			0.45		6.39			
		R/S	1	15.00			0.40		6.00			
		R/S	1	15.00			0.40		6.00			
		R/S	1	15.00			0.40		6.00			
		R/S	1	16.20			0.40		6.48			
		R/S	1	15.00			0.35		5.25			
		R/S	1	15.00			0.35		5.25			
		R/S	1	6.80			0.35		2.38			
		R/S	1	15.00			0.40		6.00			
		R/S	1	8.20			0.40		3.28			
		R/S	1	15.00			0.30		4.50			
	17th Main Road											
			1	1.00			0.80		0.80			
			1	0.30			3.40		1.02			
			1	2.90			0.40		1.16			
			1	0.30			3.60		1.08			
			1	0.40			0.40		0.16			
			1	0.20			5.20		1.04			
			1	0.30			3.80		1.14			
			1	1.20			0.30		0.36			
	Edge Lines											
	LHS											
		L/S	1	13.10			0.65		8.52			
		L/S	1	15.00			0.60		9.00			
		L/S	1	15.00			0.60		9.00			
		L/S	1	9.70			0.60		5.82			
		L/S	1	15.00			0.60		9.00			
		L/S	1	15.00			0.60		9.00			
		L/S	1	15.00			0.60		9.00			
		L/S	1	4.80			0.60		2.88			
	RHS											
		R/S	1	15.00			0.25		3.75			
		R/S	1	4.00			0.25		1.00			
		R/S	1	13.40			0.40		5.36			
		R/S	1	3.20			0.30		0.96			
		R/S	1	15.00			0.25		3.75			
		R/S	1	11.80			0.25		2.95			
		R/S	1	15.00			0.45		6.75			
		R/S	1	15.00			0.45		6.75			
	18th Main Road											
			1	0.80			0.90		0.72			
			1	5.10			0.50		2.55			
			1	5.20			0.50		2.60			
			1	2.60			2.10		5.46			
	Edge Lines											
	LHS											
		L/S	1	10.80			0.90		9.72			
		L/S	1	15.00			0.55		8.25			
		L/S	1	15.00			0.55		8.25			
		L/S	1	10.00			0.55		5.50			
	RHS											
		R/S	1	15.00			1.05		15.75			
		R/S	1	15.00			1.05		15.75			
		R/S	1	9.90			1.05		10.40			
		R/S	1	15.00			0.75		11.25			

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
			R/S	1	15.00			0.75		11.25			
			R/S	1	3.70			0.75		2.78			
			R/S	1	15.00			0.45		6.75			
	18th Cross Road												
				1	1.00			0.80		0.80			
				1	0.80			1.20		0.96			
				1	0.30			6.50		1.95			
				1	4.50			2.90		13.05			
	Edge Lines												
	LHS												
			L/S	1	15.00			1.35		20.25			
			L/S	1	15.00			1.35		20.25			
	19th Main Road												
				1	0.80			1.20		0.96			
				1	1.50			1.00		1.50			
			L/S	1	6.00			1.00		6.00			
	RHS												
			R/S	1	15.00			1.08		16.13			
			R/S	1	13.10			1.08		14.08			
			R/S	1	9.70			1.19		11.52			
			R/S	1	2.40			1.24		2.99			
	19th Cross Road												
				1	0.40			0.30		0.12			
				1	0.30			6.20		1.86			
				1	1.30			0.40		0.52			
				1	5.40			0.40		2.16			
				1	0.30			1.60		0.48			
	Edge Lines												
	LHS												
			L/S	1	14.70			0.25		3.68			
			L/S	1	14.90			0.30		4.47			
			L/S	1	10.70			0.30		3.21			
	RHS												
			R/S	1	15.00			0.70		10.50			
			R/S	1	4.40			0.70		3.08			
			R/S	1	7.70			0.20		1.54			
	19th A Cross Road												
				1	1.20			2.00		2.40			
	Edge Lines												
	LHS												
			L/S	1	15.00			0.35		5.25			
			L/S	1	11.00			0.35		3.85			
			L/S	1	15.00			0.40		6.00			
			L/S	1	15.30			0.40		6.12			
			L/S	1	15.00			1.00		15.00			
			L/S	1	11.10			1.00		11.10			
	RHS												
			R/S	1	4.30			0.30		1.29			
			R/S	1	15.00			0.30		4.50			
			R/S	1	7.10			0.30		2.13			
			R/S	1	14.70			0.25		3.68			
	20th Main Road (bescom)												
	5.00	15.00		1	10.00			4.35		43.50			
	20th Cross Road												
				1	0.20			8.50		1.70			
				1	0.30			9.00		2.70			
	21st Main Road												
				1	0.30			7.00		2.10			

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Pampa Extension Road												
	Vinayaka Layout												
	1st Main Road												
	0.00	163.50		1	163.50			4.07		665.45			
	1st B Cross Road												
	0.00	64.40		1	64.40			6.11		393.48			
	2nd B Cross Road												
	0.00	81.00		1	81.00			6.00		486.00			
	3rd Cross Road												
	0.00	76.60		1	76.60			5.12		392.04			
	4th A Cross Road												
	0.00	73.00		1	73.00			5.98		436.25			
	5th Cross Road												
	0.00	47.50		1	47.50			6.01		285.62			
	6th Cross Road												
	0.00	47.50		1	47.50			6.15		292.32			
	Kempapura												
	1st Cross Road												
	0.00	39.00		1	39.00			3.95		154.05			
	2nd Cross Road												
	0.00	38.70		1	38.70			3.58		138.66			
	3rd Cross Road												
	0.00	37.80		1	37.80			3.73		141.07			
	4th Cross Road												
	0.00	39.50		1	39.50			4.53		178.97			
						Deductions of Prime Coat				-873.50			
	Amruth nagar A Sector												
	1st Main Road												
	LHS												
	0.00	452.70		1	452.70			9.14		4135.87			
	2nd Main Road in 1st Cross Raod												
	0.00	100.60		1	100.60			6.34		638.21			
	1st A Cross Raod												
	0.00	12.00		1	12.00			5.90		70.80			
	1st Cross Raod Block B Appartment												
	0.00	19.30		1	19.30			4.85		93.61			
	Sri Sai Sannidi Appartment Road Amruthnagar												
	Road B/W 1st cr & 2nd Cross rd												
	0.00	42.00		1	42.00			4.44		186.31			
	Road B/W 2nd Cross & 3rd Cross rd												
	0.00	31.00		1	31.00			5.60		173.60			
	Road B/W 3rd Cross & 4th Cross rd												
	0.00	30.80		1	30.80			6.40		197.12			
	Road B/W 4th Cross & 5th Cross												
	0.00	27.00		1	27.00			6.95		187.65			
	2nd Cross Road												
	0.00	199.60		1	199.60			5.43		1083.83			
	3rd Cross Road												
	0.00	114.60		1	114.60			5.73		656.09			
	4th Cross Road												
	0.00	173.30		1	173.30			5.54		960.43			
	5th Cross Road												
	0.00	130.00		1	130.00			5.81		755.56			
	2nd B Cross Road												
	0.00	87.60		1	87.60			4.89		428.63			
	1st Main Road Beside BBMP Park												
	0.00	279.50		1	279.50			6.17		1724.52			
	2nd Main Road												
	0.00	298.50		1	298.50			5.70		1702.05			
	8th Cross Road												
	0.00	86.00		1	86.00			6.29		540.85			
	8th A Cross Road												
	0.00	38.20		1	38.20			5.56		212.39			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	4th Main Road												
	0.00	236.70		1	236.70			5.08		1203.15			
	5th Main Road												
	0.00	241.10		1	241.10			4.49		1082.30			
	2nd Main Road (durgaparameshwari Temple Road)												
	0.00	99.20		1	99.20			5.13		509.19			
	1st C Cross (KVJ Road)												
	0.00	10.80		1	10.80			5.10		55.08			
	1st B Cross (KVJ Road)												
	0.00	35.10		1	35.10			3.41		119.66			
	1st A Cross (KVJ Road)												
	0.00	35.10		1	35.10			3.74		131.27			
	Pampa Extension Road												
	For DBM												
	Vinayaka layout												
	Bad Reaches												
				1	3.20			0.40		1.28			
				1	2.00			1.10		2.20			
	1st B Cross Road												
				1	15.00			0.90		13.50			
				1	6.00			0.90		5.40			
	2nd B Cross Road												
				1	1.10			1.20		1.32			
				1	1.00			2.90		2.90			
	3rd Cross Road												
	LHS												
				1	12.10			0.30		3.63			
	4th A Cross Road												
	Edge Lines												
	LHS												
			L/S	1	4.40			0.20		0.88			
	RHS												
			R/S	1	10.40			0.40		4.16			
	5th Cross Road												
	15.00	30.00		1	15.00			5.93		88.88			
	6th Cross Road												
	30.00	45.00		1	15.00			5.95		89.25			
	Kempapura												
	1st Cross Road												
	20.00	30.00		1	10.00			3.90		39.00			
	2nd Cross Road												
				1	1.15			4.80		5.52			
	Edge Lines												
	RHS												
			R/S	1	15.00			0.55		8.25			
	3rd Cross Road												
				1	6.00			3.40		20.40			
	Pampa Extension Road												
	Vinayaka Layout												
	1st Main Road												
	0.00	163.50		1	163.50			4.07		665.45			
	1st B Cross Road												
	0.00	64.40		1	64.40			6.11		393.48			
	2nd B Cross Road												
	0.00	81.00		1	81.00			6.00		486.00			
	3rd Cross Road												
	0.00	76.60		1	76.60			5.12		392.04			

Modified Estimate

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	4th A Cross Road												
	0.00	73.00		1	73.00			5.98		436.25			
	5th Cross Road												
	0.00	47.50		1	47.50			6.01		285.62			
	6th Cross Road												
	0.00	47.50		1	47.50			6.15		292.32			
	Kempapura												
	1st Cross Road												
	0.00	39.00		1	39.00			3.95		154.05			
	2nd Cross Road												
	0.00	38.70		1	38.70			3.58		138.66			
	3rd Cross Road												
	0.00	37.80		1	37.80			3.73		141.07			
	4th Cross Road												
	0.00	39.50		1	39.50			4.53		178.97			
	Cubic Apartment												
	1st Main Road												
	0.00	177.00		1	177.00			10.33		1828.41			
	Connecting Road From 1st Mn to 2nd Main Road												
	0.00	26.40		1	26.40			7.70		203.28			
	2nd Main Road												
	0.00	209.20		1	209.20			9.58		2003.30			
	1st Cross Road												
	0.00	46.30		1	46.30			6.52		301.64			
	2nd Cross Road												
	0.00	44.90		1	44.90			5.48		246.23			
	3rd Cross Road												
	0.00	44.60		1	44.60			5.60		249.67			
	4th Cross Road												
	0.00	44.00		1	44.00			4.37		192.24			
	Amruth nagar A Sector												
	1st Main Road												
	LHS												
	0.00	452.70		1	452.70			9.14		4135.87			
	2nd Main Road in 1st Cross Raod												
	0.00	100.60		1	100.60			6.34		638.21			
	1st A Cross Raod												
	0.00	12.00		1	12.00			5.90		70.80			
	1st Cross Raod Block B Appartment												
	0.00	19.30		1	19.30			4.85		93.61			
	Sri Sai Sannidi Appartment Road Amruthnagar												
	Road B/W 1st cr & 2nd Cross rd												
	0.00	42.00		1	42.00			4.44		186.31			
	Road B/W 2nd Cross & 3rd Cross rd												
	0.00	31.00		1	31.00			5.60		173.60			
	Road B/W 3rd Cross & 4th Cross rd												
	0.00	30.80		1	30.80			6.40		197.12			
	Road B/W 4th Cross & 5th Cross												
	0.00	27.00		1	27.00			6.95		187.65			
	2nd Cross Road												
	0.00	199.60		1	199.60			5.43		1083.83			
	3rd Cross Road												
	0.00	114.60		1	114.60			5.73		656.09			
	4th Cross Road												
	0.00	173.30		1	173.30			5.54		960.43			
	5th Cross Road												
	0.00	130.00		1	130.00			5.81		755.56			
	2nd B Cross Road												
	0.00	87.60		1	87.60			4.89		428.63			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	1st Main Road Beside BBMP Park												
	0.00	279.50		1	279.50			6.17		1724.52			
	2nd Main Road												
	0.00	298.50		1	298.50			5.70		1702.05			
	8th Cross Road												
	0.00	86.00		1	86.00			6.29		540.85			
	8th A Cross Road												
	0.00	38.20		1	38.20			5.56		212.39			
	1st Cross rd (2nd Main Rd)												
	0.00	48.70		1	48.70			4.68		227.77			
	3rd Cross rd (2nd Main Rd)												
	0.00	120.00		1	120.00			5.74		688.56			
	4th Cross rd (2nd Main Rd- 1st Main rd)												
	0.00	109.30		1	109.30			5.75		628.15			
	5th Cross rd (2nd Main Rd- 1st Main rd)												
	0.00	104.30		1	104.30			6.03		628.93			
	5th Cross rd in Cross Rd 1												
	0.00	25.00		1	25.00			4.25		106.25			
	5th Cross rd in Cross Rd 2												
	0.00	55.00		1	55.00			6.81		374.55			
	6th Cross rd (2nd Main Rd)												
	0.00	39.80		1	39.80			4.31		171.54			
	7th Cross rd (2nd Main Rd)												
	0.00	40.30		1	40.30			5.58		224.87			
	1st Cross rd Maruthi Farm												
	0.00	25.90		1	25.90			4.25		110.08			
	2nd Cross rd Maruthi Farm												
	0.00	32.50		1	32.50			4.80		156.00			
	3rd Cross rd Maruthi Farm												
	0.00	38.50		1	38.50			4.22		162.39			
	4th Cross rd Maruthi Farm												
	0.00	44.30		1	44.30			4.49		199.00			
	Muniramayya Layout												
	0.00	48.00		1	48.00			3.26		156.62			
	5th A cross Road												
	0.00	62.70		1	62.70			5.30		332.25			
	7th cross Road 1st Main rd												
	0.00	60.50		1	60.50			6.23		376.79			
	7th A cross Road 1st Main rd												
	0.00	34.70		1	34.70			5.82		201.95			
	6th cross Road 1st Main rd												
	0.00	83.20		1	83.20			5.62		467.58			
	1st cross Road C Sector												
	0.00	52.90		1	52.90			6.30		333.01			
	Talakaveri Layout												
	5th Cross Road												
	0.00	120.00		1	120.00			8.54		1024.80			
	6th Cross Road												
	0.00	191.00		1	191.00			7.97		1522.84			
	6th A Cross Road												
	0.00	138.20		1	138.20			6.40		884.34			
	7th A Cross Road												
	0.00	149.60		1	149.60			8.62		1289.70			
	7th Cross Road												
	0.00	222.10		1	222.10			7.34		1630.21			
	2nd A Main Road												
	0.00	90.10		1	90.10			6.23		561.68			
	3rd Main Road												
	0.00	270.00		1	270.00			7.95		2145.15			
	Coffe Board Layout												
	5th Cross Road												
	0.00	179.00		1	179.00			5.07		908.07			
	6th Cross Road												
	0.00	39.80		1	39.80			5.67		225.67			
	7th Cross Road												
	0.00	50.00		1	50.00			5.63		281.50			
	8th Cross Road												
	0.00	145.00		1	145.00			6.19		896.97			
	Kuvempu road(raghvendra circle to coffee board layout main road)												
	0.00	670.20		1	670.20			7.48		5015.11			
	Coffe Board Zroad from green trends up to kannada flag												

Modified Estimate

BOQ Item No	Description	Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Happy Childhood Road												
				1	4.00			1.50		6.00			
	Edge Lines												
	RHS												
			R/S	1	15.00			1.40		21.00			
	Ayyappa Swamy Temple Road												
	5th Cross Road												
	0.00	234.00		1	234.00			8.63		2019.89			
	For BC												
	Big Market Sahakarnagar 60ft												
	15th Main Road												
	0.00	77.50		1	77.50			4.86		376.65			
	15th Cross Road												
	0.00	217.50		1	217.50			6.69		1454.42			
	16th Cross Road												
	0.00	193.20		1	193.20			8.09		1563.57			
	16th main Road												
	0.00	214.50		1	214.50			7.02		1505.15			
	17th Main Road												
	0.00	198.00		1	198.00			4.86		962.68			
	18th Main Road												
	0.00	151.10		1	151.10			7.41		1118.97			
	18th Cross Road												
	0.00	137.60		1	137.60			7.50		1031.59			
	19th main Road												
	0.00	148.00		1	148.00			7.11		1052.28			
	19th Cross Road												
	0.00	110.00		1	110.00			7.37		810.92			
	19th A Cross Road												
	0.00	94.70		1	94.70			7.55		714.51			
	20th main Road												
	0.00	78.50		1	78.50			4.89		384.10			
	20th Cross Road												
	0.00	85.50		1	85.50			9.39		803.19			
	21st Main Road												
	0.00	43.60		1	43.60			6.90		300.62			
	Happy Childhood Road												
	0.00	86.00		1	86.00			5.61		482.46			
	Ayyappa Swamy Temple Road												
	5th Cross Road												
	0.00	234.00		1	234.00			8.63		2019.89			
	Pampa Extension Road												
	Pampa Extension												
	1st Cross Road												
	0.00	39.90		1	39.90			4.63		184.54			
	2nd Cross Road												
	0.00	29.80		1	29.80			4.95		147.51			
	3rd Cross Road												
	0.00	24.10		1	24.10			4.00		96.40			
	4th Cross Road												
	0.00	66.00		1	66.00			5.28		348.61			
	9th Cross Road												
	0.00	92.70		1	92.70			5.37		497.80			
	11th Cross Road												
	0.00	69.50		1	69.50			5.91		410.54			
	12th Cross Road												
	0.00	126.10		1	126.10			5.51		694.31			
	2nd Main Road												
	0.00	68.60		1	68.60			3.25		222.95			
	3rd Main Road												
	0.00	131.60		1	131.60			3.63		477.58			

Modified Estimate

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	0.00	265.40		1	265.40			5.99		1590.54			
	kannada flag to Main Road												
	0.00	115.00		1	115.00			6.86		788.79			
	Hoysala Layout												
	1st Cross Road												
	0.00	317.30		1	317.30			4.72		1497.34			
	2nd Cross Road												
	0.00	83.50		1	83.50			3.71		309.87			
	3rd Cross Road												
	0.00	55.50		1	55.50			4.67		259.07			
	4th Cross Road												
	0.00	34.00		1	34.00			5.76		195.74			
	5th Cross Road												
	0.00	53.00		1	53.00			4.53		240.09			
	6th Cross Road												
	0.00	32.00		1	32.00			5.65		180.90			
	7th Cross Road												
	0.00	64.30		1	64.30			5.03		323.43			
	18th c/s to JNC circle												
	Tack coat fr BC												
	ORPUR Apartment Road (Amruthhalli to Dasarahalli Main Road)--Road.												
	0.00	626.00		1	624.80			9.17		5730.67			
	Approachs												
				1	6.00			1.35		8.10			
				1	2.20			2.70		5.94			
				1	5.50			1.80		9.90			
				1	8.10			1.90		15.39			
				1	3.80			1.80		6.84			
				1	3.90			1.30		5.07			
				1	3.50			5.00		17.50			
				1	2.10			3.30		6.93			
				1	6.70			0.45		3.02			
	Janatha Colony Road (Road)												
	0.00	38.80		1	38.80			5.61		217.67			
	Viensa Lake View Appatament Parrallel Road												
	0.00	54.50		1	54.50			7.58		413.06			
	Jakkur Double Rd												
	Tack Coat for BC												
	Jakkur Layout												
	13th A Cross Road												
	0.00	84.00		1	84.00			6.08		510.72			
	Ramp Asphalt 5*1.2			1	5.00			1.20		6.00			
	14th A Cross Road												
	0.00	68.00		1	68.00			5.98		406.64			
	Ramp Asphalt 7.3*2			1	7.30			2.00		14.60			
	15th A Cross Road												
	0.00	218.50		1	218.50			7.82		1709.11			
	Ramp Asphalt 7.3*2			1	7.30			2.00		14.60			
	Hoysala samruddhi Appartments Road Opposite to 15th Cross A Road												
	0.00	47.30		1	47.30			5.06		239.34			
	Talakaveri Badavane 8th Cross Road												
	0.00	144.70		1	144.70			8.03		1162.09			
	16th A Cross Road												
	0.00	125.10		1	125.10			5.56		695.18			
	17th A Cross Road												
	0.00	27.50		1	27.50			5.79		159.31			
	Approach			1	1.50			5.00		7.50			
	18th A Cross Road												
	0.00	46.00		1	46.00			4.68		215.05			

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Approach Road												
	0.00	100.50		1	100.50			4.96		498.58			
	Jakkur Double Rd												
	19th Cross Road												
	0.00	177.90		1	177.90			6.56		1167.11			
	Approach Road												
	0.00	52.30		1	52.30			7.21		377.14			
	19th A Cross Road												
	0.00	138.80		1	138.80			4.56		632.23			
	Kuvempu Rd												
	Road Cut Portion												
	3rd Cross Road (Super Market Road)												
	Road Edge												
	Kuvempu Road												
	0.00	256.00	L/S	1	256.00			0.94		239.36			
	0.00	256.00	R/S	1	256.00			1.36		348.93			
	Tack Coat for BC												
	Kuvempu Road Coffe Board Layout (Road)												
	0.00	256.00		1	256.00			7.62		1951.23			
	Gopalappa to Cof Board												
	Tack Coat for DBM												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	0.00	587.50		1	587.50			7.50		4403.90			
	Cross Road St Antony Charch Road												
	0.00	142.50		1	142.50			6.40		912.29			
	Tack Coat for BC												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	0.00	587.50		1	587.50			7.50		4403.90			
	Cross Road St Antony Charch Road												
	0.00	142.50		1	142.50			6.40		912.29			
	Mandi Mariyappa Rd												
	Tack Coat for DBM												
	7th Cross Road (Mandi Mariyappa Palya)												
	0.00	27.00		1	27.00			3.58		96.66			
	Road Cut Portion												
	3rd Main Road (Mandi Mariyappa Reddy Road)												
	0.00	802.80		1	802.80			4.52		3624.64			
	Tack Coat for BC												
	7th Cross Road (Mandi Mariyappa Palya)												
	0.00	27.00		1	27.00			3.58		96.66			
	Road Cut Portion												
	3rd Main Road (Mandi Mariyappa Reddy Road)												
	0.00	772.50		1	772.50			8.00		6180.00			
	3rd Main Road Mariyanna Palya Continue From (Himagiri Complex)- Road												
	0.00	225.00		1	225.00			7.00		1575.00			
	Tack Coat For DBM												
	Kempapura Main Road												
	410.00	515.00		1	105.00			8.40		882.00			
	Tack Coat For BC												
	Jain School Road												
	0.00	38.10		1	38.10			6.29		239.65			
	Kempapura Main Road												
	0.00	146.00		1	144.80			5.28		764.54			
	146.00	700.00		1	554.00			9.70		5,373.80			

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Vidyanikethan School Road												
	0.00	42.00		1	42.00			7.50		315.00			
	Sindhi College Gate												
	0.00	277.00		1	277.00			5.20		1,440.40			
	Venkatappa Badavane 1st c/s Rd												
	0.00	70.80		1	70.80			3.50		247.80			
	Connected to 1st c/s Venkatappa Badavane												
	0.00	36.70		1	36.70			3.80		139.46			
	Venkatappa Badavane 2nd c/s Rd												
	0.00	73.00		1	73.00			3.30		240.90			
	Venkatappa Badavane 3rd c/s Rd												
	0.00	45.00		1	45.00			3.40		153.00			
	Heera Cateres Rd (Mariyappanapalya)												
	0.00	79.00		1	79.00			6.40		505.60			
	MLA CB Krishne Byeregowda House Rd												
	0.00	286.00		1	282.90			7.80		2,206.62			
	From Shanthivana Rd end at Sardar Vallabhbhai Patel												
	0.00	401.50		1	401.50			9.10		3,653.65			
	Connecting Rd from Shanthivana Rd to CB Krishna Byeregowda												
	0.00	130.20		1	127.20			9.00		1,144.80			
								Total Quantity		142641.59			
								BOQ		123762.50			
								Upto 125%		142641.59	Sqm	13.61	1941352.02
29	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen (P.No.165 of I.No.21.17.6 in PW,P&IWTD S.R 2016-17)												
	Big Market Sahakarnagar 60ft												
	Sahakar Nagar 60ft Road (Big Market Road)												
	For bescom and ugd cut restoration												
	0.00	630.00		1	630.00			2.41	0.05	75.92			
	Big Market Sahakarnagar 60ft												
	Sahakaranagar												
	15th Main Road												
				1	0.40			4.55	0.05	0.09			
	Edge Lines												
	LHS												
				1	30.00			0.90	0.05	1.35			
	15th Cross Road												
				2	0.80			2.40	0.05	0.19			
				3	1.70			0.70	0.05	0.18			
				1	0.80			0.70	0.05	0.03			
	Edge Lines												
	LHS												
				1	65.80			1.22	0.05	4.01			
				1	0.50			1.15	0.05	0.03			
	16 th Cross Road												
	Bad Reaches												
	0			1	28.00			8.57	0.05	12.00			

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
			1	15.00			0.75	0.05	0.56			
			1	15.00			0.75	0.05	0.56			
			1	3.70			0.75	0.05	0.14			
			1	15.00			0.45	0.05	0.34			
	18th Cross Road											
			1	1.00			0.80	0.05	0.04			
			1	0.80			1.20	0.05	0.05			
			1	0.30			6.50	0.05	0.10			
			1	4.50			2.90	0.05	0.65			
	Edge Lines											
	LHS											
			1	15.00			1.35	0.05	1.01			
			1	15.00			1.35	0.05	1.01			
	19th Main Road											
			1	0.80			1.20	0.05	0.05			
			1	1.50			1.00	0.05	0.08			
			1	6.00			1.00	0.05	0.30			
	RHS											
			1	15.00			1.08	0.05	0.81			
			1	13.10			1.08	0.05	0.70			
			1	9.70			1.19	0.05	0.58			
			1	2.40			1.24	0.05	0.15			
	19th Cross Road											
			1	0.40			0.30	0.05	0.01			
			1	0.30			6.20	0.05	0.09			
			1	1.30			0.40	0.05	0.03			
			1	5.40			0.40	0.05	0.11			
			1	0.30			1.60	0.05	0.02			
	Edge Lines											
	LHS											
			1	14.70			0.25	0.05	0.18			
			1	14.90			0.30	0.05	0.22			
			1	10.70			0.30	0.05	0.16			
	RHS											
			1	15.00			0.70	0.05	0.53			
			1	4.40			0.70	0.05	0.15			
			1	7.70			0.20	0.05	0.08			
	19th A Cross Road											
			1	1.20			2.00	0.05	0.12			
	Edge Lines											
	LHS											
			1	15.00			0.35	0.05	0.26			
			1	11.00			0.35	0.05	0.19			
			1	15.00			0.40	0.05	0.30			
			1	15.30			0.40	0.05	0.31			
			1	15.00			1.00	0.05	0.75			
			1	11.10			1.00	0.05	0.56			
	RHS											
			1	4.30			0.30	0.05	0.06			
			1	15.00			0.30	0.05	0.23			
			1	7.10			0.30	0.05	0.11			
			1	14.70			0.25	0.05	0.18			
	20th Main Road (bescom)											
			1	10.00			4.35	0.05	2.18			
	20th Cross Road											
			1	0.20			8.50	0.05	0.09			
			1	0.30			9.00	0.05	0.14			
	21st Main Road											
			1	0.30			7.00	0.05	0.11			
	Happy Childhood Road											
			1	4.00			1.50	0.05	0.30			
	RHS											
			1	15.00			1.40	0.05	1.05			
	Ayyappa Swamy Temple Road											

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Chainage												
	5th Cross Road												
				1	234.00			8.63	0.05	100.99			
	Pampa Extension Road												
	For DBM												
	Vinayaka layout												
	Bad Reaches												
				1	3.20			0.40	0.05	0.06			
				1	2.00			1.10	0.05	0.11			
	1st B Cross Road												
				1	15.00			0.90	0.05	0.68			
				1	6.00			0.90	0.05	0.27			
	2nd B Cross Road												
				1	1.10			1.20	0.05	0.07			
				1	1.00			2.90	0.05	0.15			
	3rd Cross Road												
	LHS												
				1	12.10			0.30	0.05	0.18			
	4th A Cross Road												
	Edge Lines												
	LHS												
			L/S	1	4.40			0.20	0.05	0.04			
	RHS												
			R/S	1	10.40			0.40	0.05	0.21			
	5th Cross Road												
	15.00	30.00		1	15.00	6.00	5.85	5.93	0.05	4.44			
	6th Cross Road												
	30.00	45.00		1	15.00	6.00	5.90	5.95	0.05	4.46			
	Kempapura												
	1st Cross Road												
	20.00	30.00		1	10.00	4.00	3.80	3.90	0.05	1.95			
	2nd Cross Road												
				1	1.15	0.00		4.80	0.05	0.28			
	Edge Lines												
	RHS												
			R/S	1	15.00			0.55	0.05	0.41			
	3rd Cross Road												
				1	6.00			3.40	0.05	1.02			
	Kuvempu Rd												
	Road Cut Portion												
	3rd Cross Road (Super Market Road)												
	Road Edge												
	Kuvempu Road												
	0.00	256.00	L/S	1	256.00			0.94	0.05	11.97			
	0.00	256.00	R/S	1	256.00			1.36	0.05	17.45			
	Gopalappa to Cof Board												
	Tack Coat for DBM												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	0.00	587.50		1	587.50			7.50	0.05	220.20			
	Cross Road St Antony Charch Road												
	0.00	142.50		1	142.50			6.40	0.05	45.61			

Modified Estimate

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Mandi Mariyappa Rd												
	Tack Coat for DBM												
	7th Cross Road (Mandi Mariyappa Palya)												
	0.00	27.00		1	27.00			3.58	0.05	4.83			
	Road Cut Portion												
	3rd Main Road (Mandi Mariyappa Reddy Road)												
	0.00	802.80		1	802.80			4.52	0.05	181.23			
	For DBM												
	Kempapura Main Road												
	410.00	515.00		1	105.00			8.40	0.05	44.10			
								Total Quantity		766.00			
								BOQ		562.40			
								Upto 125%		703.00	Cum	7618.42	5355749.26
								Above125%		63.00	Cum	7618.42	479960.46
30	KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)												
	Big Market Sahakarnagar 60ft												
	Sahakar Nagar 60ft Road (Big Market Road)												
	0.00	810.00		1	810.00			12.53	0.04	405.87			
	SAHAKARNAGAR 'A' BLOCK 15TH MAIN												
	0.00	203.00		1	203.00			8.32	0.04	67.56			
	SAHAKARNAGAR 3RD MAIN G Block												
	0.00	135.00		1	135.00			5.84	0.04	31.53			
	Big Market Sahakarnagar 60ft												
	15th Main Road												
	0.00	77.50		1	77.50			4.86	0.04	15.07			
	15th Cross Road												
	0.00	217.50		1	217.50			6.69	0.04	58.18			
	16th Cross Road												
	0.00	193.20		1	193.20			8.09	0.04	62.54			
	16th main Road												
	0.00	214.50		1	214.50			7.02	0.04	60.21			
	17th Main Road												
	0.00	198.00		1	198.00			4.86	0.04	38.51			
	18th Main Road												
	0.00	151.10		1	151.10			7.41	0.04	44.76			
	18th Cross Road												
	0.00	137.60		1	137.60			7.50	0.04	41.26			
	19th main Road												
	0.00	148.00		1	148.00			7.11	0.04	42.09			
	19th Cross Road												
	0.00	110.00		1	110.00			7.37	0.04	32.44			
	19th A Cross Road												
	0.00	94.70		1	94.70			7.55	0.04	28.58			
	20th main Road												
	0.00	78.50		1	78.50			4.89	0.04	15.36			
	20th Cross Road												
	0.00	85.50		1	85.50			9.39	0.04	32.13			
	21st Main Road												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	0.00	43.60		1	43.60			6.90	0.04	12.02			
	Happy Childhood Road												
	0.00	86.00		1	86.00			5.61	0.04	19.30			
	Ayyappa Swamy Temple Road												
	5th Cross Road												
	0.00	234.00		1	234.00			8.63	0.04	80.80			
	Pampa Extension Road												
	Pampa Extension												
	1st Cross Road												
	0.00	39.90		1	39.90			4.63	0.04	7.38			
	2nd Cross Road												
	0.00	29.80		1	29.80			4.95	0.04	5.90			
	3rd Cross Road												
	0.00	24.10		1	24.10			4.00	0.04	3.86			
	4th Cross Road												
	0.00	66.00		1	66.00			5.28	0.04	13.94			
	9th Cross Road												
	0.00	92.70		1	92.70			5.37	0.04	19.91			
	11th Cross Road												
	0.00	69.50		1	69.50			5.91	0.04	16.42			
	12th Cross Road												
	0.00	126.10		1	126.10			5.51	0.04	27.77			
	2nd Main Road												
	0.00	68.60		1	68.60			3.25	0.04	8.92			
	3rd Main Road												
	0.00	131.60		1	131.60			3.63	0.04	19.10			
	4th Main Road												
	0.00	236.70		1	236.70			5.08	0.04	48.13			
	5th Main Road												
	0.00	241.10		1	241.10			4.49	0.04	43.29			
	2nd Main Road (durgaparameshwari Temple Road)												
	0.00	99.20		1	99.20			5.13	0.04	20.37			
	1st C Cross (KVJ Road)												
	0.00	10.80		1	10.80			5.10	0.04	2.20			
	1st B Cross (KVJ Road)												
	0.00	35.10		1	35.10			3.41	0.04	4.79			
	1st A Cross (KVJ Road)												
	0.00	35.10		1	35.10			3.74	0.04	5.25			
	Pampa Extension Road												
	Vinayaka Layout												
	1st Main Road												
	0.00	163.50		1	163.50			4.07	0.04	26.62			
	1st B Cross Road												
	0.00	64.40		1	64.40			6.11	0.04	15.74			
	2nd B Cross Road												
	0.00	81.00		1	81.00			6.00	0.04	19.44			
	3rd Cross Road												
	0.00	76.60		1	76.60			5.12	0.04	15.68			
	4th A Cross Road												
	0.00	73.00		1	73.00			5.98	0.04	17.45			
	5th Cross Road												
	0.00	47.50		1	47.50			6.01	0.04	11.42			
	6th Cross Road												
	0.00	47.50		1	47.50			6.15	0.04	11.69			
	Kempapura												
	1st Cross Road												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	0.00	39.00		1	39.00			3.95	0.04	6.16			
	2nd Cross Road												
	0.00	38.70		1	38.70			3.58	0.04	5.55			
	3rd Cross Road												
	0.00	37.80		1	37.80			3.73	0.04	5.64			
	4th Cross Road												
	0.00	39.50		1	39.50			4.53	0.04	7.16			
	Cubic Apartment												
	1st Main Road												
	0.00	177.00		1	177.00			10.33	0.04	73.14			
	Connecting Road From 1st Mn to 2nd Main Road												
	0.00	26.40		1	26.40			7.70	0.04	8.13			
	2nd Main Road												
	0.00	209.20		1	209.20			9.58	0.04	80.13			
	1st Cross Road												
	0.00	46.30		1	46.30			6.52	0.04	12.07			
	2nd Cross Road												
	0.00	44.90		1	44.90			5.48	0.04	9.85			
	3rd Cross Road												
	0.00	44.60		1	44.60			5.60	0.04	9.99			
	4th Cross Road												
	0.00	44.00		1	44.00			4.37	0.04	7.69			
	Amruth nagar A Sector												
	1st Main Road												
	LHS												
	0.00	452.70		1	452.70			9.14	0.04	165.43			
	2nd Main Road in 1st Cross Raod												
	0.00	100.60		1	100.60			6.34	0.04	25.53			
	1st A Cross Raod												
	0.00	12.00		1	12.00			5.90	0.04	2.83			
	1st Cross Raod Block B Appartment												
	0.00	19.30		1	19.30			4.85	0.04	3.74			
	Sri Sai Sannidi Appartment Road Amruthnagar												
	Road B/W 1st cr & 2nd Cross rd												
	0.00	42.00		1	42.00			4.44	0.04	7.45			
	Road B/W 2nd Cross & 3rd Cross rd												
	0.00	31.00		1	31.00			5.60	0.04	6.94			
	Road B/W 3rd Cross & 4th Cross rd												
	0.00	30.80		1	30.80			6.40	0.04	7.88			
	Road B/W 4th Cross & 5th Cross												
	0.00	27.00		1	27.00			6.95	0.04	7.51			
	2nd Cross Road												
	0.00	199.60		1	199.60			5.43	0.04	43.35			
	3rd Cross Road												
	0.00	114.60		1	114.60			5.73	0.04	26.24			
	4th Cross Road												
	0.00	173.30		1	173.30			5.54	0.04	38.42			
	5th Cross Road												
	0.00	130.00		1	130.00			5.81	0.04	30.22			
	2nd B Cross Road												
	0.00	87.60		1	87.60			4.89	0.04	17.15			
	1st Main Road Beside BBMP Park												
	0.00	279.50		1	279.50			6.17	0.04	68.98			
	2nd Main Road												
	0.00	298.50		1	298.50			5.70	0.04	68.08			
	8th Cross Road												

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	0											
	16th Main Road											
			1	0.20			0.30	0.05	0.003			
			1	0.70			4.40	0.05	0.15			
			1	0.20			4.60	0.05	0.05			
	Edge Lines											
	LHS											
			1	15.00			0.40	0.05	0.30			
			1	14.20			0.40	0.05	0.28			
			1	15.00			0.35	0.05	0.26			
			1	15.00			0.35	0.05	0.26			
			1	15.00			0.55	0.05	0.41			
			1	15.00			0.55	0.05	0.41			
			1	15.00			0.85	0.05	0.64			
			1	15.00			0.85	0.05	0.64			
	RHS											
			1	15.00			0.45	0.05	0.34			
			1	14.20			0.45	0.05	0.32			
			1	15.00			0.40	0.05	0.30			
			1	15.00			0.40	0.05	0.30			
			1	15.00			0.40	0.05	0.30			
			1	16.20			0.40	0.05	0.32			
			1	15.00			0.35	0.05	0.26			
			1	15.00			0.35	0.05	0.26			
			1	6.80			0.35	0.05	0.12			
			1	15.00			0.40	0.05	0.30			
			1	8.20			0.40	0.05	0.16			
			1	15.00			0.30	0.05	0.23			
	17th Main Road											
			1	1.00			0.80	0.05	0.04			
			1	0.30			3.40	0.05	0.05			
			1	2.90			0.40	0.05	0.06			
			1	0.30			3.60	0.05	0.05			
			1	0.40			0.40	0.05	0.01			
			1	0.20			5.20	0.05	0.05			
			1	0.30			3.80	0.05	0.06			
			1	1.20			0.30	0.05	0.02			
	Edge Lines											
	LHS											
			1	13.10			0.65	0.05	0.43			
			1	15.00			0.60	0.05	0.45			
			1	15.00			0.60	0.05	0.45			
			1	9.70			0.60	0.05	0.29			
			1	15.00			0.60	0.05	0.45			
			1	15.00			0.60	0.05	0.45			
			1	15.00			0.60	0.05	0.45			
			1	4.80			0.60	0.05	0.14			
	RHS											
			1	15.00			0.25	0.05	0.19			
			1	4.00			0.25	0.05	0.05			
			1	13.40			0.40	0.05	0.27			
			1	3.20			0.30	0.05	0.05			
			1	15.00			0.25	0.05	0.19			
			1	11.80			0.25	0.05	0.15			
			1	15.00			0.45	0.05	0.34			
			1	15.00			0.45	0.05	0.34			
	18th Main Road											
			1	0.80			0.90	0.05	0.04			
			1	5.10			0.50	0.05	0.13			
			1	5.20			0.50	0.05	0.13			
			1	2.60			2.10	0.05	0.27			
	Edge Lines											
	LHS											
			1	10.80			0.90	0.05	0.49			
			1	15.00			0.55	0.05	0.41			
			1	15.00			0.55	0.05	0.41			
			1	10.00			0.55	0.05	0.28			
	RHS											
			1	15.00			1.05	0.05	0.79			
			1	15.00			1.05	0.05	0.79			
			1	9.90			1.05	0.05	0.52			

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	6th Cross Road												
	0.00	39.80		1	39.80			5.67	0.04	9.03			
	7th Cross Road												
	0.00	50.00		1	50.00			5.63	0.04	11.26			
	8th Cross Road												
	0.00	145.00		1	145.00			6.19	0.04	35.88			
	Kuvempu road(raghvendra circle to coffee board layout main road)												
	0.00	670.20		1	670.20			7.48	0.04	200.60			
	Coffe Board Zroad from green trends up to kannada flag												
	0.00	265.40		1	265.40			5.99	0.04	63.62			
	kannada flag to Main Road												
	0.00	115.00		1	115.00			6.86	0.04	31.55			
	Hoysala Layout												
	1st Cross Road												
	0.00	317.30		1	317.30			4.72	0.04	59.89			
	2nd Cross Road												
	0.00	83.50		1	83.50			3.71	0.04	12.39			
	3rd Cross Road												
	0.00	55.50		1	55.50			4.67	0.04	10.36			
	4th Cross Road												
	0.00	34.00		1	34.00			5.76	0.04	7.83			
	5th Cross Road												
	0.00	53.00		1	53.00			4.53	0.04	9.60			
	6th Cross Road												
	0.00	32.00		1	32.00			5.65	0.04	7.24			
	7th Cross Road												
	0.00	64.30		1	64.30			5.03	0.04	12.94			
	18th c/s to JNC circle												
	Tack coat fr BC												
	ORPUR Apartment Road (Amruthhalli to Dasarahalli Main Road)--Road.												
	0.00	626.00		1	624.80			9.17	0.04	229.23			
	Approachs												
				1	6.00			1.35	0.04	0.32			
				1	2.20			2.70	0.04	0.24			
				1	5.50			1.80	0.04	0.40			
				1	8.10			1.90	0.04	0.62			
				1	3.80			1.80	0.04	0.27			
				1	3.90			1.30	0.04	0.20			
				1	3.50			5.00	0.04	0.70			
				1	2.10			3.30	0.04	0.28			
				1	6.70			0.45	0.04	0.12			
	Janatha Colony Road (Road)												
	0.00	38.80		1	38.80			5.61	0.04	8.71			
	Viensa Lake View Appatament Parrallel Road												
	0.00	54.50		1	54.50			7.58	0.04	16.52			
	Jakkur Double Rd												
	Tack Coat for BC												
	Jakkur Layout												
	13th A Cross Road												

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	0.00	86.00		1	86.00			6.29	0.04	21.63			
	8th A Cross Road												
	0.00	38.20		1	38.20			5.56	0.04	8.50			
	1st Cross rd (2nd Main Rd)												
	0.00	48.70		1	48.70			4.68	0.04	9.11			
	3rd Cross rd (2nd Main Rd)												
	0.00	120.00		1	120.00			5.74	0.04	27.54			
	4th Cross rd (2nd Main Rd- 1st Main rd)												
	0.00	109.30		1	109.30			5.75	0.04	25.13			
	5th Cross rd (2nd Main Rd- 1st Main rd)												
	0.00	104.30		1	104.30			6.03	0.04	25.16			
	5th Cross rd in Cross Rd 1												
	0.00	25.00		1	25.00			4.25	0.04	4.25			
	5th Cross rd in Cross Rd 2												
	0.00	55.00		1	55.00			6.81	0.04	14.98			
	6th Cross rd (2nd Main Rd)												
	0.00	39.80		1	39.80			4.31	0.04	6.86			
	7th Cross rd (2nd Main Rd)												
	0.00	40.30		1	40.30			5.58	0.04	8.99			
	1st Cross rd Maruthi Farm												
	0.00	25.90		1	25.90			4.25	0.04	4.40			
	2nd Cross rd Maruthi Farm												
	0.00	32.50		1	32.50			4.80	0.04	6.24			
	3rd Cross rd Maruthi Farm												
	0.00	38.50		1	38.50			4.22	0.04	6.50			
	4th Cross rd Maruthi Farm												
	0.00	44.30		1	44.30			4.49	0.04	7.96			
	Muniramayya Layout												
	0.00	48.00		1	48.00			3.26	0.04	6.26			
	5th A cross Road												
	0.00	62.70		1	62.70			5.30	0.04	13.29			
	7th cross Road 1st Main rd												
	0.00	60.50		1	60.50			6.23	0.04	15.07			
	7th A cross Road 1st Main rd												
	0.00	34.70		1	34.70			5.82	0.04	8.08			
	6th cross Road 1st Main rd												
	0.00	83.20		1	83.20			5.62	0.04	18.70			
	1st cross Road C Sector												
	0.00	52.90		1	52.90			6.30	0.04	13.32			
	Talakaveri Layout												
	5th Cross Road												
	0.00	120.00		1	120.00			8.54	0.04	40.99			
	6th Cross Road												
	0.00	191.00		1	191.00			7.97	0.04	60.91			
	6th A Cross Road												
	0.00	138.20		1	138.20			6.40	0.04	35.37			
	7th A Cross Road												
	0.00	149.60		1	149.60			8.62	0.04	51.59			
	7th Cross Road												
	0.00	222.10		1	222.10			7.34	0.04	65.21			
	2nd A Main Road												
	0.00	90.10		1	90.10			6.23	0.04	22.47			
	3rd Main Road												
	0.00	270.00		1	270.00			7.95	0.04	85.81			
	Coffe Board Layout												
	5th Cross Road												
	0.00	179.00		1	179.00			5.07	0.04	36.32			

BOQ Item No	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Kempapura Main Road												
	0.00	146.00		1	144.80			5.28	0.04	30.58			
	146.00	700.00		1	554.00			9.70	0.04	214.95			
	Vidyanikethan School Road												
	0.00	42.00		1	42.00			7.50	0.04	12.60			
	Sindhi College Gate												
	0.00	277.00		1	277.00			5.20	0.04	57.62			
	Venkatappa Badavane 1st c/s Rd												
	0.00	70.80		1	70.80			3.50	0.04	9.91			
	Connected to 1st c/s Venkatappa Badavane												
	0.00	36.70		1	36.70			3.80	0.04	5.58			
	Venkatappa Badavane 2nd c/s Rd												
	0.00	73.00		1	73.00			3.30	0.04	9.64			
	Venkatappa Badavane 3rd c/s Rd												
	0.00	45.00		1	45.00			3.40	0.04	6.12			
	Heera Cateres Rd (Mariyappanapalya)												
	0.00	79.00		1	79.00			6.40	0.04	20.22			
	MLA CB Krishne Byeregowda House Rd												
	0.00	286.00		1	282.90			7.80	0.04	88.26			
	From Shanthivana Rd end at Sardar Vallabhbhai Patel												
	0.00	401.50		1	401.50			9.10	0.04	146.15			
	Connecting Rd from Shanthivana Rd to CB Krishna Byeregowda												
	0.00	130.20		1	127.20			9.00	0.04	45.79			
								Total Quantity		**5153.59**			
									BOQ	**4632.08**			
									Upto 125%	**5153.59**	**Cum**	**8686.84**	**44768427.36**
31	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M30 (at 360Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum) ((P.No.177, I.No.22.6.1 of PW,P&IWTD SR 2016-17)												
	CC Road												
	Kashinagar cross Roads and Surrounding Area												
				1	115.00			5.00	0.15	**86.25**			
								Total Quantity		**86.25**	**Cum**	**6653.22**	**573840.23**
32	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery, Screed Vibratory, Power Floater, blade and disc etc., with all lead and lift.(P.No.177, I.No.22.7 of PW, P&IWTD SR 2016-17)												
	CC Road												
	Kashinagar cross Roads and S			1	115.00			5.00		**575.00**			

BOQ Item No	Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
								Total Quantity		575.00	Sqm	102.08	58696.00
33	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete												
	Big Market Sahakarnagar 60ft												
	Sahakar Nagar 60ft Road (Big Market Road)												
	RHS												
	0.00	103.00	L/S	1	103.00					103.00			
	0.00	48.00	R/S	1	48.00					48.00			
	Bhuvaneshwari nagar												
	St Anthony Church Road												
	0.00	112.50	R/S	1	112.50					112.50			
										263.50			
									/0.45				
							Total			586.00	Nos	355.00	208030.00
34	Removing and resetting of kerb stones(P.No.185, I.No.37.57 of PW,P&IWTD SR 2016-17)												
	Big Market Sahakarnagar 60ft												
	Sahakar Nagar 60ft Road (Big Market Road)												
	0.00	672.00	R/S	1	672.00					672.00			
	0.00	696.70	R/S	1	696.70					696.70			
								Total Qty		1368.70	M	70.32	96246.98
35	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 (P.No.182, I.No. 24.1 of PW,P&IWTD SR 2016-17)												
	Bhuvaneshwari nagar												
	St Anthony Church Road												
	0.00	113.00	R/S	1	113.00					323.00			
								Total Qty		323.00	Sqm	68.05	21,980.15
36	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803.(P.No.185, I.No.24.15 of PW,P&IWTD SR 2016-17)												
	Big Market Sahakarnagar 60ft												
	15th Main Road												
		Edge Line		2.00	77.50			0.10		15.50			
	15th Cross Road												
		Edge Line		2.00	217.50			0.10		43.50			
		Center Line		0.50	217.50			0.10		10.88			
	16th Cross Road												
		Edge Line		2.00	193.20			0.10		38.64			
		Center Line		0.50	193.20			0.10		9.66			
	16th main Road												
		Edge Line		2.00	214.50			0.10		42.90			
		Center Line		1.00	214.50			0.10		21.45			
	17th Main Road												
		Edge Line		2.00	198.00			0.10		39.60			
	18th Main Road												
		Edge Line		2.00	151.10			0.10		30.22			
	18th Cross Road												
		Edge Line		2.00	137.60			0.10		27.52			
		Center Line		0.50	137.60			0.10		6.88			
	19th main Road												
		Edge Line		2.00	148.00			0.10		29.60			
	19th Cross Road												
		Edge Line		2.00	110.00			0.10		22.00			

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	19th A Cross Road											
	Edge Line		2.00	94.70			0.10		18.94			
	20th main Road											
	Edge Line		2.00	78.50			0.10		15.70			
	Center Line		0.50	78.50			0.10		3.93			
	20th Cross Road											
	Edge Line		2.00	85.50			0.10		17.10			
	Center Line		0.50	85.50			0.10		4.28			
	21st Main Road											
	Edge Line		2.00	43.60			0.10		8.72			
	Center Line		1.00	43.60			0.10		4.36			
	Happy Childhood Road											
	Edge Line		2.00	86.00			0.10		17.20			
	Ayyappa Swamy Temple Road											
	5th Cross Road											
	Edge Line		2.00	234.00			0.10		46.80			
	Center Line		0.50	234.00			0.10		11.70			
	Pampa Extension											
	Vinayaka Layout											
	1st Main Road											
	Edge Line		2.00	163.50			0.10		32.70			
	1st B Cross Road											
	Edge Line		2.00	64.40			0.10		12.88			
	2nd B Cross Road											
	Edge Line		2.00	81.00			0.10		16.20			
	3rd Cross Road											
	Edge Line		2.00	76.60			0.10		15.32			
	4th A Cross Road											
	Edge Line		2.00	73.00			0.10		14.60			
	5th Cross Road											
	Edge Line		2.00	47.50			0.10		9.50			
	6th Cross Road											
	Edge Line		2.00	49.30			0.10		9.86			
	Kempapura											
	1st Cross Road											
	Edge Line		2.00	39.00			0.10		7.80			
	2nd Cross Road											
	Edge Line		2.00	38.70			0.10		7.74			
	3rd Cross Road											
	Edge Line		2.00	37.80			0.10		7.56			
	4th Cross Road											
	Edge Line		2.00	35.90			0.10		7.18			
	Hoysala Layout											
	1st Cross Road											
	Edge Line		2.00	317.80			0.10		63.56			
	2nd Cross Road											
	Edge Line		2.00	83.50			0.10		16.70			
	3rd Cross Road											
	Edge Line		2.00	55.50			0.10		11.10			
	4th Cross Road											
	Edge Line		2.00	34.00			0.10		6.80			
	5th Cross Road											
	Edge Line		2.00	53.00			0.10		10.60			
	6th Cross Road											

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Edge Line		2.00	32.00			0.10		6.40			
	7th Cross Road											
	Edge Line		2.00	64.30			0.10		12.86			
	jakkur Double Rd											
	13th A Cross Road											
	Edge Line		2.00	84.00			0.10		16.80			
	14th A Cross Road											
	Edge Line		2.00	68.00			0.10		13.60			
	15th A Cross Road											
	Edge Line	L/S	1.00	67.00			0.10		6.70			
		L/S	1.00	98.50			0.10		9.85			
		R/S	1.00	218.50			0.10		21.85			
	Center Line		0.50	150.50			0.10		7.53			
	Hoysala samruddhi Appartments Road Opposite to 15th Cross A Road											
	Edge Line		2	47.30			0.10		9.46			
	Talakaveri Badavane 8th Cross Road											
	Edge Line	L/S	1	144.70			0.10		14.47			
		R/S	1	104.70			0.10		10.47			
	Center Line		0.50	104.70			0.10		5.24			
	16th A Cross Road											
	Edge Line	L/S	1	87.00			0.10		8.70			
		R/S	1	76.50			0.10		7.65			
	17th A Cross Road											
	Edge Line		2	27.50			0.10		5.50			
	18th A Cross Road											
	Edge Line		2	46.00			0.10		9.20			
	Approach Road								0.00			
	Edge Line		2	100.50			0.10		20.10			
	19th Cross Road											
	Edge Line		2	177.90			0.10		35.58			
	Approach Road											
	Edge Line		2	52.30			0.10		10.46			
	Kuvempu rd											
	Kuvempu Road Coffe Board Layout (Road)											
	Edge Line		2	256.00			0.10		51.20			
	Center Line		0.50	256.00			0.10		12.80			
	Gopalappa to Cof Board											
	Road Work											
	St Antony Chaurch Road											
	(From Coffe Board Layout Park End)											
	Edge Line		2.00	587.50			0.10		117.5			
	Center Line		0.50	587.50			0.10		29.375			
	Cross Road St Antony Charch Road											
	Edge Line		2.00	143.50			0.10		28.7			
	Center Line		0.50	143.50			0.10		7.175			
	Mandi Mariyappa Rd											
	Road Work											
	7th Cross Road (Mandi Mariyappa Palya)											
	Edge Line		2.00	27.00			0.10		5.40			
	Center Line		0.50	27.00			0.10		1.35			
	3rd Main Road Mariyappa Reddy											
	Edge Line		2.00	772.50			0.10		154.50			
	Center Line		0.50	130.00			0.10		6.50			
			0.50	418.50			0.10		20.93			
	3rd Main Road Mariyanna Palya Continue From (Himagiri Complex)- Road											
	Edge Line		2.00	225.00			0.10		45.00			
	Center Line		0.50	100.00			0.10		5.00			
	Road Work											
	Jain School Road											
	Edge Line		2	38.10			0.10		7.62			

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Center Line		0.50	38.10			0.10		1.91			
	Kempapura Main Road											
	Edge Line		2	698.80			0.10		139.76			
	Center Line		0.50	698.80			0.10		34.94			
	Vidyanikethan School Road											
	Edge Line		2	42.00			0.10		8.40			
	Center Line		0.50	42.00			0.10		2.10			
	Sindhi College Gate											
	Edge Line		2	277.00			0.10		55.40			
	Center Line		0.50	277.00			0.10		13.85			
	Venkatappa Badavane 1st c/s Rd											
	Edge Line		2	36.70			0.10		7.34			
	Center Line		0.50	36.70			0.10		1.84			
	Connected to 1st c/s Venkatappa Badavane											
	Edge Line		2	36.70			0.10		7.34			
	Center Line		0.50	36.70			0.10		1.84			
	Venkatappa Badavane 2nd c/s Rd											
	Edge Line		2	73.00			0.10		14.60			
	Center Line		0.50	73.00			0.10		3.65			
	Venkatappa Badavane 3rd c/s Rd											
	Edge Line		2	45.00			0.10		9.00			
	Center Line		0.50	45.00			0.10		2.25			
	Heera Cateres Rd (Mariyappanapalya)											
	Edge Line		2	79.00			0.10		15.80			
	Center Line		0.50	79.00			0.10		3.95			
	MLA CB Krishne Byeregowda House Rd											
	Edge Line		2	279.80			0.10		55.96			
	Center Line		0.50	279.80			0.10		13.99			
	From Shanthivana Rd end at Sardar Vallabhbhai Patel											
	Edge Line		2	398.40			0.10		79.68			
	Center Line		0.50	398.40			0.10		19.92			
	Connecting Rd from Shanthivana Rd to CB Krishna Byeregowda											
	Edge Line		2	127.20			0.10		25.44			
	Center Line		0.50	127.20			0.10		6.36			
							Total Quantity		1987.93	Sqm	580.71	11,54,407.93
37	KSRRB M2100-1.1. Earth work in excavation for foundation of structures such as culverts, bridges etc., as per drawing and technical specifications, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material complete as per specifications I. Ordinary soil - A. Manual Means (i) Depth upto 3m MORTH Specification No. 304 including disposal of excavated earth upto a distance of 10km including loading and unloading charges(P.No.209, I.No.27.1 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
							Total Quantity		0.00	Cum	266.26	0.00

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
38	KSRRB M2100-13. Plain / Reinforced Cement Concrete M15 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum in Open Foundation complete as per Drawing and Technical Specifications MORTH Specification No. 1500,1700 & 2100.(P.No.211, I.No.27.24 of PW,P&IWTD S.R 2016-17)											
	Item of Work Not Operated											
	Total Quantity								0.00	Cum	6784.53	0.00
39	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete.(1.50 mtrs depth below LWL.)(P.No.257, I.No.37.41.1 of PW,P&IWTD S.R 2016-17)											
	Item of Work Not Operated											
	Total Quantity								0.00	Cum	309.7	0.00
40	Diversion of water course by providing Coffer dams or bunds or islands as may be necessary for piers and abutments foundations, bailing out or pumping water during excavation and until completion etc., complete.(beyond 1.50 mtrs depth upto & including 3m)(P.No.257, I.No.37.41.2 of PW,P&IWTD S.R 2016-17)											
	Item of Work Not Operated											
	Total Quantity								0.00	Cum	381.35	0.00
41	KSRRB M800-43. Installation of a steel portable barricade with horizontal rail 300 mm wide, 2.5 m in length fitted on a 'A' frame made with 45 x 45 x 5 mm angle iron section, 1.5 m in height, horizontal rail painted (2 coats) with yellow and white stripes, 150 mm in width at an angle of 45°, 'A' frame painted with 2 coats of yellow paint, complete as per IRC:SP:55-2001 complete as per specifications.(P.No.186, Item no 24.44 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
	Total Quantity								0.00	Each	2741.08	0.00
42	KSRRB M2100-20.2. Plain / Reinforced Cement Concrete in Open Foundation with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008. case II : With Batching Plant, Transit Mixer and Concrete Pump MORTH Specification No. 1500,1700 & 2100(P.No.213, I.No.27.37 of PW,P&IWTD S.R 2016-17)											
	Item of Work Not Operated											
	Total Quantity								0.00	Cum	7454.78	0.00
43	KSRRB M2200-5.19. Design mix M35 with OPC cement @ 390kgs,with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 - ii) For height, upto 5m,(P.No.214, I.No.28.7.18 of PW,P&IWTD S.R S.R 2016-17)											
	Item of Work Not Operated											
	Total Quantity								0.00	Cum	8397.75	0.00
44	KSRRB M2300-8.1. Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification complete as per specifications. D. RCC / PSC with OPC cement design mix M35 @ 390kgs, with 20mm and down size graded granite metal coarse aggregates @0.68cum and fine aggregates @ 0.45cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, Case - II : Using Batching Plant, Transit Mixer & Concrete Pump MORTH Specification No. 1500,1600 & 1700- Height upto 5 m(P.No.226 , I.No.29.16.1 of PW,P&IWTD S.R S.R 2016-17)											
	Item of Work Not Operated											
	Total Quantity								0.00	Cum	8048.75	0.00

Modified Estimate

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
45	KSRRB M2200 -6 Supplying , fitting and placingTMT bar Fe 550 reinforcement in sub-structure complete as per drawing & technical specification complete as per the specification . MORTH Specification No.1600 & 2200(P.No.218 , I.No.28.8.3 of PW,P&IWTD S.R 2016-17)											
	Item of Work Not Operated											
	Total Quantity								0.00	Tonne	73266.2	0.00
46	KSRRB M2300 -14, supplying , fitting and placing TMT bar Fe 550 reinforcement in super-structure complete as per as per drawing & technical specification complete as per the specification . MORTH Specification No.1600.(P.No.231 , I.No.29.29.3 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
	Total Quantity								0.00	Tonne	74471.49	0.00
47	KSSRB M220 - 8. Providing weep holes in Brick masnory / Plain / Reinforced concrete abutment, wing wall / return wall with 100mm dia AC pipe, extending through the full width of the structure with slope of 1V:20H towards drawing foce. Complete as per drawing and Technical specifications complete as per specifications. MORTH Specification No. 2706 & 2200 (P.No.218, I.No.28.10 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
	Total Quantity								0.00	No./Mtr	194.14	0.00
48	KSRRB M2700-4. Providing, fitting and fixing mild steel railing complete as per drawing and Technical Specification complete as per specifications MORTH Specification No. 2703.2, 1900'(P.No.239, I.No.32.4 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
	Total Quantity								0.00	m	3359.33	0.00
49	KSRRB M2700-5. Drainage Spouts complete as per drawing and Technical specification complete as per specifications MORTH Specification No. 2705(P.No.239, I.No.32.5 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
	Total Quantity								0.00	No.	1900.96	0.00
50	KSRRB M2300-16. Providing and laying Cement concrete wearing coat with OPC cement design mix M30 @ 360kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 including reinforcement complete as per drawing and Technical Specifications complete as per specifications MORTH Specification No. 2702'(P.No.239, I.No.32.8 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
	Total Quantity								0.00	Cum	11877.26	0.00
51	KSRRB 2200-9 Filter Media Providing & laying of Filter media With Granular meterails / Stone crushed aggregates satisfying the requirement laid down in clause 2500.4.2.2 of MORTH Specification to a thickness on not less than 600 mm width smaller size towards the soil & bigger size towards wall & provided over the entire surface behind Abutment, Wing wall & return wall to the full height compacted to a firm condition complete as per Drawing & Techincal Specifications. Complete as per specification MORTH Specification No. 710.14of IRC: 78& 2200(P.No.218, I.No.28.13 of PW,P&IWTD 2016-17))											
	Item of Work Not Operated											
	Total Quantity								0.00	Cum	1497.66	0.00

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
52	KSRRB 2200-8.1 Back filling behind Abutment, Wing wall & return wall to the full height compacted to a firm condition complete as per Drawing & Techincal Specifications. Complete as per specification A. Granular Material MORTH Specification No. 710.14of IRC: 78& 2200.With all Leads & Lift etc & as per the direction of the Engineer Incharge of the Work.(P.No.218, I.No.28.11 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
								Total Quantity	0.00	Cum	605.53	0.00
53	KSRRB M2500-11. Construction of flexible apron 1 m thick comprising of loose stone boulders weighing not less than 40 kg beyond curtain wall complete as per specifications MORTH Specification No. 2507.2(P.No.241, I.No.30.14 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
								Total Quantity	0.00	Cum	1667.53	0.00
54	KSRRB 2500 - 5.1 Providing & laying , flooring complete as per and technical specifiactions laid over cement concrete bedding complete as per specification. A. Rubble Stone laid in CM 1:3 MORTH Specification No. 2505(P.No.240, Item no 30.7 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
								Total Quantity	0.00	Cum	5270.69	0.00
55	KSRRB M2500-10.Curtain wall complete as per drawing and Technical Specifications. B. Cement Concrete Grade M-15 MORTH Specification No. 2507.2(P.No.241, Item no 30.13 of PW,P&IWTD S.R 2016-17))											
	Item of Work Not Operated											
								Total Quantity	0.00	Cum	6024.14	0.00
56	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction (P.48, I. 9.4) PRED.SR 2012-13											
	Kempegowda Circle Mazid	1							1.00			
	Mahalakshi Medical , Ambedka	1							1.00			
								Total	2.00	Each BW	2013.74	4,027.48
57	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13. **0 to 50 m**											
	Kempegowda Circle Mazid	1	50.00						50.00			
	Mahalakshi Medical , Ambedka	1	50.00						50.00			
								Total	100.00	Rmtr	327.42	32,742.00
58	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 - **50 to 100m**											
	Kempegowda Circle Mazid	1	50.00						50.00			
	Mahalakshi Medical , Ambedka	1	50.00						50.00			
								Total	100.00	Rmtr	428.00	42,800.00

BOQ Item No	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Chainage											Rs.	Rs.
	0.00	84.00		1	84.00			6.08	0.04	20.43			
	Ramp Asphalt 5*1.2			1	5.00			1.20	0.04	0.24			
	14th A Cross Road												
	0.00	68.00		1	68.00			5.98	0.04	16.27			
	Ramp Asphalt 7.3*2			1	7.30			2.00	0.04	0.58			
	15th A Cross Road												
	0.00	218.50		1	218.50			7.82	0.04	68.36			
	Ramp Asphalt 7.3*2			1	7.30			2.00	0.04	0.58			
	Hoysala samruddhi Appartments Road Opposite to 15th Cross A Road												
	0.00	47.30		1	47.30			5.06	0.04	9.57			
	Talakaveri Badavane 8th Cross Road												
	0.00	144.70		1	144.70			8.03	0.04	46.48			
	16th A Cross Road												
	0.00	125.10		1	125.10			5.56	0.04	27.81			
	17th A Cross Road												
	0.00	27.50		1	27.50			5.79	0.04	6.37			
	Approach			1	1.50			5.00	0.04	0.30			
	18th A Cross Road												
	0.00	46.00		1	46.00			4.68	0.04	8.60			
	Approach Road												
	0.00	100.50		1	100.50			4.96	0.04	19.94			
	Jakkur Double Rd												
	19th Cross Road												
	0.00	177.90		1	177.90			6.56	0.04	46.68			
	Approach Road												
	0.00	52.30		1	52.30			7.21	0.04	15.09			
	19th A Cross Road												
	0.00	138.80		1	138.80			4.56	0.04	25.29			
	4th Bill kuvempu Rd												
	Tack Coat for BC												
	Kuvempu Road Coffe Board Layout (Road)												
	0.00	256.00		1	256.00			7.62	0.04	78.05			
	Gopalappa to Cof Board												
	St Antony Chaurch Road												
	(From Coffe Board Layout Park End)												
	0.00	587.50		1	587.50			7.50	0.04	176.16			
	Cross Road St Antony Charch Road												
	0.00	142.50		1	142.50			6.40	0.04	36.49			
	Mandi Mariyappa Rd												
	7th Cross Road (Mandi Mariyappa Palya)												
	0.00	27.00		1	27.00			3.58	0.04	3.87			
	Road Cut Portion												
	3rd Main Road (Mandi Mariyappa Reddy Road)												
	0.00	772.50		1	772.50			8.00	0.04	247.20			
	3rd Main Road Mariyanna Palya Continue From (Himagiri Complex)- Road												
	0.00	225.00		1	225.00			7.00	0.04	63.00			
	Jain School Road												
	0.00	38.10		1	38.10			6.29	0.04	9.59			

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
								Total	2.00	No	64628.00	1,29,256.00
66	Supplying of ISI marked galvanized mild steel tube (continously welded electric resistance welded (ERW) high frequency, induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1986 with latest amendments, pipes threaftes at one end and the other end protected asper specification in random lengths of 4 to 7 mtrs Confirming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-09 2406/15.10.2008											
	Kempegowda Circle Mazid		1	255.00					255.00			
	Mahalakshi Medical , Ambedka		1	245.00					245.00			
								Total	500.00	Rmtr	401.25	2,00,625.00
67	Heavy Duty Collar 50 mm dia											
	Kempegowda Circle Mazid		38						38.00			
	Mahalakshi Medical , Ambedka		50						50.00			
								Total	88.00	Nos	139.10	12,240.80
68	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. P. No. 12 / I No. 2.10.4(1) 3C x 6 Sqm mm KPWD Electrical SR 2014-15											
	Kempegowda Circle Mazid		2	240.00					480.00			
	Mahalakshi Medical , Ambedka		2	260.00					520.00			
								Total	1000.00	Mtr	201.91	2,01,910.00
69	Erection of pumpset including aligning and balancing with all necessary erection materials and labour including supply and erection of one pair supporting clamps, one borewell cap. Cable clips with bolts, nuts, valves guages etc., involoved in the job (Necessary GI pipe and specials with be supplied by the board at the site free of cost) (As per rate approved KUWS & DB for year 2008-09											
	Kempegowda Circle Mazid		1						1.00			
	Mahalakshi Medical , Ambedka		1						1.00			
								Total	2.00	No	3210.00	6,420.00
70	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., P No. 44 / I No. 6.6.6 KPWD Electrical SR 2014-15											
	Kempegowda Circle Mazid		1						1.00			
	Mahalakshi Medical , Ambedka		1						1.00			
								Total	2.00	Each	323.14	646.28
71	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A P No. 55/ I No. 7.4.4 4 core 16 Sqmm KPWD Electrical SR 2014-15											
	Kempegowda Circle Mazid		1	26.00					26.00			
	Mahalakshi Medical , Ambedka		1	34.00					34.00			
								Total	60.00	Mtr	150.23	9,013.80
72	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. P No. 61 / I No. 7.8.1 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15											
	Kempegowda Circle Mazid		1	26.00					26.00			
	Mahalakshi Medical , Ambedka		1	34.00					34.00			
								Total	60.00	Mtr	11.56	693.60
73	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, P-7) P No. 61 / I. No. 7.9.3 KPWD Electrical SR 2014-15											
	For Cutting Road Surface											

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Kempegowda Circle Mazid		1	22.00					22.00			
	Mahalakshi Medical , Ambedka		1	28.00					28.00			
								Total	50.00	Mtr	90.95	4,547.50
74	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV P. No. 62 / I No. 7.12.1 KPWD Electrical SR 2014-15											
	40mm dia GI pipe											
	Kempegowda Circle Mazid		1	4.00					4.00			
	Mahalakshi Medical , Ambedka		1	4.00					4.00			
								Total	8.00	Mtr	369.15	2,953.20
75	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No. 62 / I.No. 7.13.2 KPWD Electrical SR 2014-15											
	16Sqmm											
	Kempegowda Circle Mazid		1						1.00			
	Mahalakshi Medical , Ambedka		1						1.00			
								Total	2.00	No.	299.60	599.20
76	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia, (P No. 55, I No. 7.1) KPWD Electrical SR 2014-15											
	Kempegowda Circle Mazid		1						1.00			
	Mahalakshi Medical , Ambedka		1						1.00			
								Total	2.00	No	2917.89	5,835.78
77	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.P No. 44 / I No. 6.7.2 KPWD Electrical SR 2014-15											
	32 Amps											
	Kempegowda Circle Mazid		6						6.00			
	Mahalakshi Medical , Ambedka		6						6.00			
								Total	12.00	No.	192.60	2,311.20
78	KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 Page No. 93 Item No. 13.55 / PWD SR 2016-17											
	Kempegowda Circle Mazid		1						1.00			
	Mahalakshi Medical , Ambedka		1						1.00			
								Total	2.00	Nos	1728.78	3,457.56
79	Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. P. No. 95 / I. No. 13.81.3 PWD SR 2016-7											
	Kempegowda Circle Mazid		1						1.00			
	Mahalakshi Medical , Ambedka		1						1.00			
								Total	2.00	No	248.45	496.90
80	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete											
	Kempegowda Circle Mazid		1	4.00					4.00			
	Mahalakshi Medical , Ambedka		1	4.00					4.00			
								Total	8.00	No	85.60	684.80
81	Supplying shunt capaitors conforming to IS 2834, 3phase 400/440 volts grade for power factor improvement of rotating machinery, Capacitor in KVAR rating Nos. 2KVAR capacity with all lead and lift =, loading, unloading and labour charges etc complete as per specifications											
	Kempegowda Circle Mazid		1						1.00			
	Mahalakshi Medical , Ambedka		1						1.00			
								Total	2.00	No	374.50	749.00

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
82	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. 5-32Amps TPN P No. 47 / I No.6.16.5 KPWD SR 2014-15											
	Kempegowda Circle Mazid		1						1.00			
	Mahalakshi Medical , Ambedka		1						1.00			
								Total	**2.00**	**No**	**1655.29**	**3,310.58**
83	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete P.No. 49, I. No. 6.40.2 KPWD Electrical SR 2014-15											
	16SWG											
	Kempegowda Circle Mazid		2	115.00		60.00			13800			
			1	295.00		25.00			7375			
	Mahalakshi Medical , Ambedka		2	125.00		60.00			15000			
			1	305.00		25.00			7625			
								Total	**43800.00**	**Sq.Cm**	**0.35**	**15,330.00**
84	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. 12.5HP to 15 HP Star Delta Starter SERDED Rate											
	Kempegowda Circle Mazid		1						1.00			
	Mahalakshi Medical , Ambedka		1						1.00			
								Total	**2.0**	**No.**	**11770.00**	**23,540.00**
85	Earthwork excavation for pipeline trenches including deporiting or bank up to a lead of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole. Page No. 01/ Item No.1.2.2 / PRED SR 2012-13 Hard Soil											
	Kempegowda Circle Mazid		1	25.00		0.60		0.75	11.25			
			1	35.00		0.60		0.75	15.75			
	Mahalakshi Medical , Ambedka		1	28.00		0.60		0.75	12.60			
	5th Cross Road		1	32.00		0.60		0.75	14.40			
								Total	**54.00**	**Cum**	**201.16**	**10,862.64**
86	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation Etc., Page No.15 item No.3.4.2 b PRED SR 2012-13.											
	75 mm dia 6 KSC PVC pipe											
	Kempegowda Circle Mazid		1	25.00					25.00			
			1	35.00					35.00			
	Mahalakshi Medical , Ambedka		1	28.00					28.00			
			1	32.00					32.00			
								Total	**120.00**	**Rmtr**	**167.99**	**20,158.80**
87	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrs Page No. 3 / Item No. 1.6 / PRED SR 2012-13											
						Qty. Vide Item No. 85			**54.00**	**Cum**	**65.27**	**3,524.58**

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
88	KSRB 13.6.3-6 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No. KBS 13.2.6/13.3 P. 92 / I.13.37 PWD SR - 2016-17											
	Kempegowda Circle Mazid		2						2.00			
	Mahalakshi Medical , Ambedka		2						2.00			
								Total	**4.00**	**Each**	**2371.29**	**9,485.16**
	Room For RO Plant											
89	KSRB 2-2.2 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in Hard soil not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, Page No. 5 / Item No. 2.3/ PWD SR 2016-17											
	Columns		4	1.20			1.20	1.20	6.91			
	Foundation											
	Long Wall		2	5.45			0.90	0.80	7.85			
	Short Wall		2	3.00			0.90	0.80	4.32			
	Deduction(-)		-4	0.23			0.23	0.80	-0.17			
								Total Qty	**18.91**	**Cum**	**218.41**	**4,130.29**
90	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. No. 12/ Item No. 4.3/ PWD SR 2016-17											
	Columns		4	1.20			1.20	0.15	0.86			
	Foundation											
	Long Wall		2	5.45			0.90	0.15	1.47			
	Short Wall		2	3.00			0.90	0.15	0.81			
	Deduction(-)		-4	0.23			0.23	0.15	-0.04			
								Total Qty	**3.10**	**Cum**	**5,624.31**	**17,435.36**
91	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 Page No. 23 / Item No. 5.6 / PWD SR 2016-17											
	Foundation											
	Long Wall		2	5.30			0.75	0.60	4.77			
	Short Wall		2	3.15			0.75	0.60	2.83			
	Deduction(-)		-4	0.23			0.23	0.60	-0.13			
								Total Qty	**7.47**	**Cum**	**4838.50**	**36,143.60**
92	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 23 / Item No. 5.9 / PWD SR 2015-16											
	Foundation											
	Long Wall		2	5.00			0.45	0.45	2.02			
	Short Wall		2	3.45			0.45	0.45	1.39			
	Deduction(-)		-4	0.23			0.23	0.45	-0.10			
								Total Qty	**3.31**	**Cum**	**5783.78**	**19,144.31**
93	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification No. KBS 2.9 (P.6/I.2.10) PWD SR 2016-17											
	Qty Vide Item No. 89		1						18.91			
	Qty Vide Item No. 90		-1						-3.10			
	Column Footing		-1						-2.59			
	Column Below Ground Level		-1						-0.25			
								Total Qty	**12.97**	**Cum**	**146.76**	**1,903.58**

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
94	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including											
	Wall Portion		2	4.70				2.70	25.38			
			2	3.75				2.70	20.25			
	Parapet Wall		2	4.70				0.40	3.76			
			2	3.75				0.40	3.00			
	Steps		2	4.05				0.20	1.62			
			2	4.05				0.20	1.62			
	Deductions RS		-1	3.00				2.10	-6.30			
	V		-1	1.20				1.20	-1.44			
								Total Qty	47.89	Sqm	1082.80	51,855.29
95	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs, with 20mm and down size graded granite metal, coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3lts confirming to IS 9103-1999 reaffirmed-2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2016-17											
	Column Footing		4	1.20			1.20	0.45	2.59			
	Column Below Ground Level		4	0.23			0.23	1.20	0.25			
	Plinth Beam		2	4.78			0.23	0.20	0.43			
			2	3.67			0.23	0.20	0.33			
	Column Above Ground Level		4	0.23			0.23	2.70	0.57			
	Lintels		1	3.59			0.20	0.15	0.10			
			1	1.50			0.20	0.15	0.04			
	Roof Beam		2	4.78			0.23	0.30	0.65			
			2	3.67			0.23	0.30	0.50			
	Roof Slab		1	4.70			4.05	0.15	2.85			
	Projection		1	4.05			0.60	0.15	0.36			
								Total Qty	8.67	Cum	6946.31	60,224.51
96	KSRB 4.2.10 : Providing and laying in position reinforced cement concrete ofmix M20 with OPC cement @ 24kgs, with 12 mm and down size graded granite metal coarse aggregates @ 0.5175 cum and fine aggregates @ 0.345 cum with superplastisiser @ 0.225lts,machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO. KBS 4.1, 4.6 Page No. 14 / Item No. 4.19 / PWD SR 2016-17											
	Chajja		1	1.20			0.20	0.15	0.03			
								Total Qty	0.03	Sqm	526.95	15.81
97	KSRB 4.9.1: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 17 / Item No. 4.46.2 / PWD SR 2016-17 - FE 500											
	F1 (1200 X 1200) mm	4										
	16 mm Dia Main Bars	4	10	1.50				1.58	94.81			
	16 mm	4	10	1.50				1.58	94.81			
	Column											
	C (230 X 230)mm	4										
	Main Bars @16mm D	4	4	1.20				1.58	30.34			

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.	OQ No
59	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 - **100 to 150m**												
	100 to 150 m												66
	Kempegowda Circle Mazid		1	50.00					50.00				
	Mahalakshi Medical , Ambedka		1	50.00					50.00				
								Total	**100.00**	**Rmtr**	**476.15**	**47,615.00**	
60	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 - 150 to 200m												67
	150 to 200 m												
	Kempegowda Circle Mazid		1	50.00					50.00				
								Total	**50.00**	**Rmtr**	**502.90**	**25,145.00**	
61	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) P. 46 / I. 9.1 PRED SR 2012-13 - 200 to 250m												68
	200 to 250 m												
	Kempegowda Circle Mazid		1	36.00					36.00				
								Total	**36.00**	**Rmtr**	**582.08**	**20,954.88**	
62	Supply of ISI mark 175 mm nominal bore, Plain end steel casing pipe - grade of Steel Fee 410 of wall thickness 5.4mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel tube material and confirming to IS 1387/1993 and manufactured by baseic open hearth electric or basic oxygen process in random length of 5 to 7 mts both ends threaded confirming tio IS 554/1985, one end fixied with socket confirming to IS 4270:2001 and the other end with screwed pipes ISI Marking weighing 25.10Kg/mtr (Inclusive of all taxes and durties) Prices include Collar-medium duty P. iii, I No. 84 PRED SR 2012-13												69
	Kempegowda Circle Mazid		1	30.50					30.50				
	Mahalakshi Medical , Ambedka		1	20.00					20.00				
								Total	**50.50**	**Rmtr**	**1417.75**	**71,596.38**	70
63	Providing 250mm dia PVC Pipe 6kg/cm SE PRED Approved Rate												
	Kempegowda Circle Mazid		1	24.00					24.00				
	Mahalakshi Medical , Ambedka		1	12.00					12.00				
								Total	**36.00**	**Rmtr**	**807.28**	**29,062.08**	
64	Providing and fixing 160mm Borewell Cap P. iii, I No. 85												71
	Kempegowda Circle Mazid		1						1.00				
	Mahalakshi Medical , Ambedka		1						1.00				
								Total	**2.00**	**Each**	**107.00**	**214.00**	
65	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 12.50 HP 25 stage. ATALANTA< SUGNA< CRI, KIRLOSKAR and other Equivalent Pumps PWD SR 2016-17 P. XXXXII Item No. 24 including of all taxes												72
	12.5 HP 25 Stage												
	Kempegowda Circle Mazid		1						1.00				73
	Mahalakshi Medical , Ambedka		1						1.00				

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
101	KSRB 15.3.11 :Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114 / Item No. 15.19 / PWD SR 2016-17 (Inside wall)											
	Inside wall		2	4.40				3.00	26.40			
			2	3.75				3.00	22.50			
	Deductions - For rolling shutte		-1	3.00				2.10	-6.30			
	Window		-1	1.20				1.20	-1.44			
								Total Qty	41.16	Sqm	270.41	11,130.08
102	KSRB 15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. (P. 115 / I. 15.33 PWD SR - 2016-17).											
	Qty Vide Item No. 100+101								57.66			
									57.66	Sqm	28.89	1,665.80
103	KSRB 15.3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Page No. 114 / Item No. 15.17 / PWD SR 2016-17 (Out side Wall)											
	Out Side		2	4.70				3.00	28.20			
			2	4.07				3.00	24.42			
	Parapet Wall		2	4.70				0.90	8.46			
			2	3.75				0.90	6.75			
	Slab Projection bottom		1	4.05	0.60				2.43			
	deduction for RS		-1	3.00				2.10	-6.30			
	Window		-1	1.20				1.20	-1.44			
								Total Qty	62.52	Sqm	228.81	14,305.20
104	KSRB 15-14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foregin matter including preparing the surface even and sand paper smooth, cost of materials, labours, complete as per specifications PWD SR 2016-17 (P.117 /I. 15.49.1)											
	Qty Vide Item No.13								57.66			
	Inside wall		2	4.40				1.80	15.84			
			2	3.75				1.80	13.50			
	Deductions - For rolling shutte		-1	3.00				1.80	-5.40			
	Window		-1	1.20				1.20	-1.44			
								Total Qty	80.16	Sqm	82.05	6,577.13
105	KSRB 15-16.1: providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specifications PWD SR 2016-17 (P. 118 / I. 15.53.2) with Primer											
	Qty Vide								62.52			
								Total Qty	62.52	Cum	97.07	6,068.82
106	KSRB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. Page No. 121 / Item No. 15.74 / PWD SR 2016-17											
	Out Side		2	3.60				2.70	19.44			
								Total Qty	19.44	Sqm	94.76	1,842.13
107	Providing and fixing Special make glazed Vitrified tiles (Granomite finis) of approved make, quality and colour of sized 6000x600x10mm thick fixed on existing flooring wit ha special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. Page No. 107 / Item No. 14.43 / PWD SR 2016-17											
	Floor Tiles		1	4.57			3.65		16.68			
			2	4.57				1.20	10.96			
			2	3.65				1.20	8.76			
	For Steps											
			1	4.07			0.73		2.97			
			2	0.20			0.20		0.08			

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
			1	4.07			0.73		2.97			
			2	0.40			0.40		0.32			
	Deduction RS		-1	3.00				1.20	-3.60			
								Total Qty	39.14	Sqm	1375.16	53,823.76
108	Providing and laying/fixing cement base, precast pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring reads of steps of steps and landin, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of material,s including cutting, griding the edge ti half/ful rounf wherever requires labour, curing complete as per specification Page No. 109 / Item No. 14.62 / PWD SR 2016-17											
	Item of Work Not Operated											
								Total Quantity	0.00	Sqm	1253.83	0.00
109	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm thick reeded glass with teakwood beading of required size, all steel section should confirm to I.S. 7452:1990, 4nos, of holdfasts of approved size section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification NO. KBS 7.12.1 / 7.12.2 / 7.12.3 / 7.12 Page No. 32 / Item No. 7.7/ PWD SR 2015-16											
			1	1.20				1.20	1.44			
								Total Qty	1.44	Sqm	4079.27	5,874.15
110	KSRB: 7.5 Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & operations complete Including pulling hooks, 4nos handles wit hall fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8m Specification NO. KBS 7.10 / 7.12 Page No. 31 / Item No. 7.5/ PWD SR 2015-16											
			1	3.00				1.20	3.60			
								Total Qty	3.60	Sqm	3307.33	11,906.39
111	Providing revsrse osmosis system to cover 2000 Liters of High TDS water per hour with RAW WATER PUMP, SAND MEDIA FILTER, ACTIVATE CARBON FILTER, DOSING SYSTEM, MICRON FILTER, HIGH PRESSURE PUMP, RO membrane housing., RO MEMBRANES, RO CLEANSING SYSTEM, ELECTRICAL PANEL, INSTRUMENTATION, PH DOSING SYSTEM											
	Item of Work Not Operated											
								Total Quantity	0.00	No's	551050	0.00
	ELECTRIFCATION											
112	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A (Page No. 05, Item No.2.1 KPWD SR 2014-15. b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch											
			2						2	Point	262.15	524.30

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
113	c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch											
			2						2.00	Point	388.40	776.80
114	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, Finishing with necessary cement plastering complete (Page No. 03, Item No. 1.6) KPWD SR 2014-15, (1.6.5) 4"x4"x3" (101x101x76mm)											
			12						12	Each	72.76	873.12
115	(1.6.1) 12"x12"x3" (300x300x76mm)											
			6						6	Each	124.12	744.72
116	(1.6.3)10"x7"x3" (254x178x76mm)											
			6						6	Each	93.09	558.54
117	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc., and fixing on existing wooden or metal box using N.F. screws. (Page No. 17, Item No. 3.9) KPWD SR 2014-15											
			6660						6600	SqCM	0.27	1,782.00
118	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. upto 50mm conduit in brick wall (Page No. 03, Item No.1.7.1) KPWD SR 2014-15											
			10						10.00	Mtr	22.5	224.70
119	Supplying heavy gauge PVC Conduit Pipe 19/20 mm dia 2 mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary. (Page No. 02, Item No. 1.3.1) KPWD SR 2014-15											
			10						10.00	Mtr	59.9	599.20
120	Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamps. (Page No. 20, Item No. 4.2) KPWD SR 2014-15											
			2						2.00	Each	94.2	188.32
121	Supplying patti type fluorescent tube light fitting of 2' - suitable for 14 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with HF Electronic Ballast , locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC . Supply including T5 lamp. (Page No. 20, Item No. 4.5) KPWD SR 2014-15											
			2						2.00	Each	632.4	1,264.74
122	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A 1.5 sqmm (Page No. 06, Item No. 2.5.2) KPWD SR 2014-15											
			5						5.00	Mtr	19.9	99.50
123	Supplying and fixing cast Aluminum round or oblong type bulk head fitting with GI wire guard, glass cover with 60/100 watts 230V GLS lamp. (Page No. 20, Item No. 4.3) KPWD SR 2014-15											
			4						4.00	Each	799.3	3,197.16

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
	Distribution Bars @ 8	4	6	0.90				0.40	8.53			
	Plinth Beam											
	PB1	2										
	12 mm dia	2	2	4.45				0.89	15.82			
	16 mm dia	2	2	4.45				1.58	28.13			
	Distribution Bars @ 8	2	22	0.90				0.40	15.64			
	PB2	2										
	12 mm dia	2	2	5.08				0.89	18.06			
	16 mm dia	2	2	5.08				1.58	32.11			
	Distribution Bars @ 8	2	25	0.90				0.40	17.78			
	Column Above Plinth Beam											
	C (230 X 230)mm	4										
	Main Bars @16mm D	4	4	2.70				1.58	68.27			
	Distribution Bars @ 8	4	14	0.90				0.40	19.91			
	Roof Beam											
	RB1	2										
	12 mm dia	2	2	4.45				0.89	15.82			
	16 mm dia	2	2	4.45				1.58	28.13			
	Distribution Bars @ 8	2	22	0.90				0.40	15.64			
	RB2	2										
	12 mm dia	2	2	5.08				0.89	18.06			
	16 mm dia	2	2	5.08				1.58	32.11			
	Distribution Bars @ 8	2	25	0.90				0.40	17.78			
	Slab Including Projection											
	Main Bars 10mm @1	1	37	4.37				0.62	99.81			
	Ditribution Bars 8mm	1	29	5.60				0.40	64.16			
	Chajja											
	Main Bars 8mm @15	1	8	0.20				0.40	0.63			
	Ditribution Bars 8mm	1	1	1.20				0.40	0.47			
									736.85			
								Total Qty	0.737	Ton	80337.31	59,196.20
98	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 15 / Item No. 4.31/ PWD SR 2016-17											
	Column Below Ground Level		4	0.92				1.20	4.41			
	Plinth		2	16.90				0.20	6.76			
	Column Above Ground Level		4	0.92				2.70	9.93			
	Lintels		2	3.59				0.15	1.07			
			2	1.50				0.15	0.45			
	Roof Beam		2	16.90				0.30	10.14			
	Roof		1	4.70	4.05				19.03			
	Projection		1	4.05	0.60				2.43			
	Sides		2	4.70				0.15	1.41			
			2	4.05				0.15	1.21			
									56.84		338.59	19,245.46
99	KSRB 4-6.10 : Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 Page No. 16 / Item No. 4.37 / PWD SR 2016-17											
			1	4.50			0.60		2.70			
								Total Qty	2.70	Sqm	312.01	842.43
100	KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No. 114 / Item No. 15.21 / PWD SR -2016-17											
	Ceiling Plastering		1	4.40			3.75		16.50			
								Total Qty	16.50	Sqm	223.03	3,680.00

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
130	Thiristor based single/ Three phase smart street light control and monitoring system Remotely control and and monitorable smart street light system by using web or mobile application .smart control system has hardware ruggedness over field issues like line cross, line short, lighting and any other irregularities in voltage. It has some features like 1.Remote lighting management.2.Precise lighting turnoff.3.Load ballancing.4.Load power regulation.5.Status tracking. It works on the basis of some of these features 1) Main Control Unit (Mother board) : Handles controlling , data handling and other communication process. 2) Communication unit: GSM/GPRS quad bandwith RS232 interface wireless communication unit 3) Gate Driver Unit: Firing angle controllable board for driving the thyristor 4) Switching Thyristor: SCR 110 AMPS dual thyristor modules for switching									Each		
			30.00						30.00			
								Total Qty	30.00	Each	55105.00	1653150.00
131	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes25 sqmm Long Barrel											
			72.00						72.00			
								Total Qty	72.00	Each	22.03	1586.16
E1	KSRRB 300-6. Excavation in soft rock / ordinary rock without blastingfor formation of roads including stacking neatly, to uniform line and level withan initial lead upto 15m. including cost of all labour, equipments, completeas per specifications.(Pg.No. 143, I.No.19.6 of PW, P&IWTD SR 2018 - 19)											
	UGD Cut Portion for NP3 Pipe installations											
	Jain School Road											
	0.00	38.10	1	38.10			0.60	0.50	11.43			
	Kempapura Main Road											
	0.00	558.80	1	558.80			0.60	0.50	167.64			
	Dedudct Manhole Volume											
			-26	1.20			0.60	0.50	-9.36			
								Total Quantity	169.71	Cum	1,541.89	2,61,674.15
E2	Providing and laying **reinforced cement concrete pipe NP3 of 450mm dia** for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour curing complete as per specifications. Specification No.KSRB 1000, 2300 MOST Specification No. 1000 / 2300 (Pg.No. 255, I.No. 34.6.5 of PW, P&IWTD SR 2018 - 19)											
	UGD Cut Portion for NP3 Pipe installations											
	Jain School Road											
	0.00	38.10	1	38.10					38.10			
	Kempapura Main Road											
	0.00	558.80	1	558.80					558.80			
	Dedudct Manhole Volume											
			-26.00	1.00					-26.00			
								Total Quantity	570.90	Rmtr	3,281.20	18,73,237.08
E3	KSRRB 2.6:Providing and filling Stone Dust in trenches to required depth including watering ramming with all leads and lift. complete as per specification and as directed by Engineer-in-charge (P.No.7, I.No.2.13 of PW,P&IWTD SR 2018-19)											
	UGD Cut Portion for NP3 Pipe installations											
	Jain School Road											
	0.00	38.10	1	38.10			0.60	1.00	22.86			
	Kempapura Main Road											
	0.00	558.80	1	558.80			0.60	1.00	335.28			
	Dedudct Manhole Volume											
			-26	1.20			0.60	1.00	-18.72			
								Total Quantity	339.42	Cum	1,578.81	5,35,879.69

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
124	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit .... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia (Page No. 55, Item No. 7.1) KPWD SR 2014-15											
			1						1.00	No	2917.9	2,917.89
125	Supply of LED Streetlight luminaire with pressure die cast aluminium housing body for optimal thermal dissipation. Lamp compartment comprising of anti glare clear diffuser with Injection moulded polycarbonate material, delivering superior light output. Rated life Burning Hrs 50000 hr @ Lumen Maintenance of 70%, maximum light intensity should be between 60 degrees to 70 degrees. CCT > 5500K, IP 66 optical and electrical compartment & impact resistance of complete luminaire > IK08. Power Factor >0.9 with mains, Surge Protection- Min 5KV along with Over voltage/ Overload, short circuit/ miss-wiring protection. Compatible for pole mouting with outer dia of 40mm to 50mm. Universal Voltage driver to operate wide voltage range from 100V to 270V 50/60Hz application. Compliance to IS 10322/IEC 60598, LM 79 & LM 80 Adherence with RoHS. UL approved MCPCB. Top access street light with single screw to ensure ease of maintenance at the sight site location with minimized minimal tools. LED Light fixture with .....W System Power consumption. LED Efficiency>130lm/w at 1W & FixtureEfficiency >80lm/w with nominal CRI >75. Luminaire manufacturer should have in-house facility accredited by NABL/CPRI & any Government certified agency & Design & Development facility certified by ISO 9001:2008 . Housing with supplier word mark /name shall be Engraved / Embossing on the die cast housing/ Body part. Warranty of 5 Years against any manufacturing defect working under standard electrical conditions as mentioned above should be given by LED source manufacture. Suitable for B1/B2 Roads as per IS 1944 Part I & Part II.LED Streetlight 65watts											
	Street Lights											
			117						117.00			
								Total Qty	**117.00**	**Each**	**20030.40**	**2343556.80**
126	Supplying and Fixing of.....mm dia class A GI pipe bracket up to 2 mtrs long bent at suitable angle and fixing to this bracket 1x40/2x40 watts fluorescent tube street light fitting of all capacities to GI or CI or rail or RCC pole / wall using suitable clamps, bolts, and nuts and wiring using suitable capacity wires. Using 32mm dia G.I.pipe											
	Class A GI Pipe											
			182						182.00			
								Total Qty	**182.00**	**Each**	**955.51**	**173902.82**
127	Wiring for lighting/power circuit using one of PVC insulated 1100v grade stranded Aluminium unsheathed wire single core/multi core cable in open or consealed system of wiring. a)4 sqmm.											
			1.00	600.0					600.00			
								Total Qty	**600.00**	**Each**	**8.03**	**4818.00**
128	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A.3.5 core 25									Per Mtr		
			1.00	200.0					200.00			
								Total Qty	**200.00**	**Each**	**177.19**	**35438.00**
129	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.25 sqmm to 75 sqmm											
			1.00	200.0					200.00			
								Total Qty	**200.00**	**Each**	**37.24**	**7448.00**

OQ Item No

130

131

E1

E2

E3

BOQ Item No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate Rs.	Amount Rs.
E4	KSRB 4-1.4 : Providing and laying in position plain cement concrete of Mix 1:5:10 with OPC @ 160kgs, with 40mm and down size graded granite metal coarse aggregates @0.86cum and fine aggregtes @ 0.58cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2											
	CC Road											
	Kashinagar cross Roads and Surrounding Area											
			1	115.00			5.00	0.15	86.25			
							Total Quantity		**86.25**	**Cum**	**6,370.57**	**5,49,461.66**
											Total	**9,85,98,995.50**
	Cost towards Preparation of DPR and PMC / Third Party inspection LS											**15,00,000.00**
											Sub Total	**10,00,98,995.50**
									Miscellaneous and rounding off			**1,004.50**
											Total	**10,01,00,000.00**

Certificate.

1 The rates adopted based on the PWD SR, Bangalore circle for year 2016-17,2018-19.
2 The provisions made in the estimate are necessary and essential.
3 The workspot was inspected and work is found to be necessary.
4 The area comes within the Bruhat Bangalore Mahanagara Palike limits.

Tejus Consultants

Assistant Engineer

Assistant Executive Engineer

Executive Engineer

Technical Sanction
Accorded For Rs 10,01,00,000/-
Head of A/C P.3158
CER NO : 95 Dt: 27.04.2022

[redacted] ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.